18 STANDARD No. 251 DIARY 87

1881

1887

Charlotte J. Baker -
ΔΚΕ Ranch -
Red Mesa -

THE STANDARD DIARY

PUBLISHED FOR THE TRADE

CALENDAR.

1887.

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JAN.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
FEB.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	..	..	..	..	..
MAR.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
APRIL.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	..	..	..	..	..	..	..
MAY.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
JUNE.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	..	..

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JULY.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
AUG.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
SEPT.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	..
OCT.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
NOV.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..
DEC.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4 . . In.	make 1 Hand.	3 Feet	make 1 Yard.
7.92 In.	" 1 Link.	5½ Yds.	" 1 Rod or Pole
18 . . In.	" 1 Cubit.	40 Poles	" 1 Furlong.
12 . . In.	" 1 Foot.	8 Fur.	" 1 Mile.
6 . . Ft.	" 1 Fathom.	69 1-6 Miles	make 1 Degree.

60 Geographical Miles make 1 Degree.

1760 Yards } = 1 Mile.
5280 Feet }

MEASURE OF SURFACE.

144	Square Inches	make 1	Square Foot.
9	Square Feet	" 1	Square Yard.
30¼	Square Yards	" 1	Rod, Perch or Pole.
40	Square Rods	" 1	Square Rood.
4	Square Roods	" 1	Square Acre.
10	Square Chains	" 1	Square Acre.
640	Square Acres	" 1	Square Mile.

Gunter's Chain equal to 22 Yards or 100 Links.
272¼ Square Feet make 1 Square Rod.
43,560 Square Feet " 1 Acre.

MEASURE OF SOLIDITY.

1728 Cubic Inches make 1 Cubic Foot.
27 Cubic Feet " 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 11/32	Grains	make 1	Drachm (dr.) or	27 11/32 Grains.
16	Drachms	" 1	Ounce (oz.) or	437½ "
16	Ounces	" 1	Pound (lb.) or	7000 "
28	Pounds	" 1	Quarter (qr.)	
4	Quarters	" 1	Hundred-Weight (cwt.)	
20	Cwts.	" 1	Ton.	
2240	Pounds	" 1	Ton.	

TROY WEIGHT.

24	Grains	make 1	Pennyweight, or	24 Grains.
20	Pennywts.	" 1	Ounce, or	480 "
12	Ounces	" 1	Pound, or	5760 "

APOTHECARIES' WEIGHT.

20 Grains	make 1 Scruple.	8 Drachms	make 1 Ounce.
3 Scruples	" 1 Drachm.	12 Ounces	" 1 Pound.

DIAMOND WEIGHT.

16 Parts make 1 Grain (4-5ths Grain Troy.)
4 Grains " 1 Carat (3 1-5th Grains Troy)

LIQUID MEASURE.

4 Gills	make 1 Pint.	31½ Gallons	make 1 Barrel.
2 Pints	" 1 Quart.	54 Gallons	" 1 Hhd.
4 Quarts	" 1 Gallon.		

DRY MEASURE.

8 Quarts	make 1 Peck.	8 Bushels	make 1 Quarter.
4 Pecks	" 1 Bushel.	36 Bushels	" 1 Chaldron.

1 Bushel equal to 2815½ cubic in. nearly.

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

STATES.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
N. Hampshire	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut	..	45	..	56	..	..	28	60	56	56	..	..	..	..	..
New York	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana	32	..	..	56	..	..	32	..	32	60	..	..	..	..	..
Arkansas	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

INTEREST TABLE.

SIX PER CENT.

Time.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Day.	0	0	0	0	0	0	0	0	0	0	2	17
2 "	0	0	0	0	0	0	0	0	0	0	3	33
3 "	0	0	0	0	0	0	0	0	0	1	5	50
4 "	0	0	0	0	0	0	0	1	1	1	7	67
5 "	0	0	0	0	0	1	1	1	1	1	8	83
6 "	0	0	0	0	1	1	1	1	1	1	10	1 00
7 "	0	0	0	0	1	1	1	1	1	1	12	1 17
8 "	0	0	0	1	1	1	1	1	1	1	13	1 33
9 "	0	0	0	1	1	1	1	1	1	2	15	1 50
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
11 "	0	0	1	1	1	1	1	1	2	2	18	1 83
12 "	0	0	1	1	1	1	1	2	2	2	20	2 00
13 "	0	0	1	1	1	1	2	2	2	2	22	2 17
14 "	0	0	1	1	1	1	2	2	2	2	23	2 33
15 "	0	1	1	1	1	2	2	2	2	3	25	2 50
16 "	0	1	1	1	1	2	2	2	2	3	27	2 67
17 "	0	1	1	1	1	2	2	2	3	3	28	2 83
18 "	0	1	1	1	2	2	2	2	3	3	30	3 00
19 "	0	1	1	1	2	2	2	3	3	3	32	3 17
20 "	0	1	1	1	2	2	2	3	3	3	33	3 33
21 "	0	1	1	1	2	2	2	3	3	4	35	3 50
22 "	0	1	1	1	2	2	3	3	3	4	37	3 67
23 "	0	1	1	2	2	2	3	3	3	4	38	3 83
24 "	0	1	1	2	2	2	3	3	4	4	40	4 00
25 "	0	1	1	2	2	3	3	3	4	4	42	4 17
26 "	0	1	1	2	2	3	3	3	4	4	43	4 33
27 "	0	1	1	2	2	3	3	4	4	5	45	4 50
28 "	0	1	1	2	2	3	3	4	4	5	47	4 67
29 "	0	1	1	2	2	3	3	4	4	5	48	4 83
1 Mon.	1	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	2	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
5 "	3	5	8	10	13	15	18	20	23	25	2 50	25 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
7 "	4	7	11	14	18	21	25	28	32	35	3 50	35 00
8 "	4	8	12	16	20	24	28	32	36	40	4 00	40 00
9 "	5	9	14	18	23	27	32	36	41	45	4 50	45 00
10 "	5	10	15	20	25	30	35	40	45	50	5 00	50 00
11 "	6	11	17	22	28	33	39	44	50	55	5 50	55 00
1 Year.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

SEVEN PER CENT.

Time.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Day.	0	0	0	0	0	0	0	0	0	0	2	19
8 "	0	0	0	1	1	1	1	1	1	2	16	1 56
15 "	0	1	1	1	1	2	2	2	3	3	29	2 92
22 "	0	1	1	2	2	3	3	3	4	4	43	4 28
30 "	1	1	2	2	3	4	4	5	5	6	58	5 83
2 Mon.	1	2	4	5	6	7	8	9	11	12	1 17	11 67
4 "	2	5	7	9	12	14	16	19	21	23	2 33	23 33
6 "	4	7	11	14	18	21	25	28	32	35	3 50	35 00
8 "	5	9	14	19	23	28	33	37	42	47	4 67	46 67
10 "	6	12	18	23	29	35	41	47	53	58	5 83	58 33
1 Year.	7	14	21	28	35	42	49	56	63	70	7 00	70 00

RATE OF INCOME ON INVESTMENTS,

Par value being $100, bearing interest at

Price Paid.	5%	6%	7%	8%	10%
$50	10 00	12 00	14 00	16 00	20 00
55	9 09	10 90	12 72	14 55	18 18
60	8 33	10 00	11 66	13 33	16 66
65	7 69	9 23	10 76	12 30	15 38
70	7 14	8 57	10 00	11 42	14 28
75	6 66	8 00	9 33	10 66	13 35
80	6 25	7 50	8 75	10 00	12 50
82½	6 06	7 27	8 48	9 69	12 12
85	5 88	7 05	8 23	9 41	11 76
87½	5 71	6 85	8 00	9 14	11 42
90	5 55	6 66	7 77	8 88	11 11
92½	5 40	6 48	7 56	8 64	10 80
95	5 26	6 31	7 36	8 42	10 52
96	5 20	6 25	7 29	8 33	10 41
97	5 15	6 18	7 21	8 24	10 30
97½	5 12	6 15	7 17	8 20	10 25
98	5 10	6 12	7 14	8 16	10 20
99	5 05	6 06	7 07	8 08	10 10
100	5 00	6 00	7 00	8 00	10 00
101	4 95	5 94	6 93	7 92	9 90
102	4 90	5 88	6 86	7 84	9 80
103	4 85	5 82	6 79	7 76	9 70
104	4 80	5 76	6 73	7 69	9 61
105	4 76	5 71	6 66	7 61	9 52
110	4 54	5 45	6 36	7 27	9 09
115	4 34	5 21	6 08	6 95	8 69
120	4 16	5 00	5 83	6 66	8 33
125	4 00	4 80	5 60	6 40	8 00
130	3 84	4 61	5 38	6 15	7 69
135	3 70	4 44	5 18	5 92	7 40
140	3 57	4 28	5 00	5 71	7 14
145	3 44	4 13	4 82	5 51	6 89
150	3 33	4 00	4 66	5 33	6 66

TO FIND LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

RATES OF POSTAGE.

POSTAL CARDS, 1 cent each, go without further charge to all parts of the United States and Canada. Cards for foreign countries (within the Postal Union) 2 cents each. *Postal Cards are unmailable* with any writing or printing on the address side, except the direction, or with anything pasted upon or attached to them.

ALL LETTERS, to all parts of the United States and Canada, 2 cents for each ounce or fraction thereof.

LOCAL, OR "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

FIRST CLASS.—Letters and all other written matter, *whether sealed or unsealed*, and all other matter *sealed, nailed, sewed, tied, or fastened in any manner* so that it cannot be easily examined, 2 cents for each ounce or fraction thereof.

SECOND CLASS.—Only for publishers and news-agents; 1 cent per pound.

THIRD CLASS.—Printed matter, in *unsealed wrappers only* (all matter inclosed in notched envelopes must pay letter rates), 1 cent for each 2 ounces or fraction thereof, *which must be fully prepaid.* This includes books, circulars, chromos, engravings, handbills, lithographs, magazines, music, newspapers, pamphlets, proof-sheets and manuscript accompanying the same, reproductions by the electric pen, hektograph, metallograph, papyrograph, and, in short, any reproduction upon paper by any process *except handwriting and the copying press.* Limit of weight 4 lbs., except for a single book, which may weigh more.

FOURTH CLASS.—All mailable matter, not included in the three preceding classes, which is so prepared for mailing as to be *easily withdrawn from the wrapper* and examined, 1 cent per ounce or fraction thereof. Limit of weight, 4 lbs. Full prepayment compulsory.

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed,* without additional postage charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

PERMISSIBLE WRITING.—No writing is permitted on third or fourth class matter except as follows: The name and address of sender on the outside or inside of package, preceded by the word "from." On the wrapper may also be written the names and number of articles inclosed. The sender is further allowed to mark a word or passage in a book or paper to which he desires to call special attention. He may also write a simple inscription

or dedication upon the cover or blank leaves of a book or pamphlet. There may be attached to articles of merchandise, by tag or label, a mark, number, name, or letter for purpose of identification. Printed circulars may contain the written name of the sender, or of the addressee, and the date. Any other writing on third or fourth class matter will subject the package to letter rates of postage, and render the sender liable to a fine of ten dollars for each offense. Printed matter may be inclosed with fourth class matter, but the whole package is subject to the rate of 1 cent per ounce or fraction thereof.

POSTAL NOTES.

Upon payment of a fee of 3 cents each, Postal Notes for any amount under Five Dollars may be purchased at any Money-order Office, payable to bearer at any time within three calendar months from the last day of the month during which it was issued; but payable *only* at such Money-order Office as the purchaser may select or at the office of issue.

MONEY ORDERS.

For Orders not exceeding					$10	. . . .	8	cents.
Exceeding	$10	and	not	exceeding	$15	.	10	"
"	15	"	"	"	30	.	15	"
"	30	"	"	"	40	.	20	"
"	40	"	"	"	50	.	25	"
"	50	"	"	"	60	.	30	"
"	60	"	"	"	70	.	35	"
"	70	"	"	"	80	.	40	"
"	80	"	"	"	100	.	45	"

When a larger sum than $100 is required, additional Orders to make it up must be obtained.

FOREIGN POSTAGE.

The rates for letters are for the half ounce or fraction thereof, and those for newspapers for 2 ounces or fraction thereof:—

To Great Britain and Ireland, France, Spain, all parts of Germany, including Austria, Denmark, Switzerland, Italy, Russia, Norway, Sweden, Turkey (European and Asiatic), Egypt, letters 5 cents, newspapers 1 cent for each 2 ounces or fraction thereof.

To Australia, letters, via San Francisco (except to New South Wales), 5 cents; via Brindisi, 15 cents; newspapers, via San Francisco, 2 cents; via Brindisi, 4 cents. China, letters, via San Francisco, 5 cents; via Brindisi, 13 cents; 4 cents for each paper not weighing over 4 ounces. British India, Italian mail, letters 5 cents, newspapers 1 cent for 2 ounces. Japan, letters, via San Francisco, 5 cents; newspapers 1 cent for 2 ounces.

STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

To change to Standard Time add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Standard Time Divisions as adopted by the Railroads.

Eastern Standard—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

Central Standard—90th Meridian. West from "Eastern" limits, as above, to Broadview, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

Mountain Standard—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

Pacific Standard—120th Meridian. West from "Mountain" limits to coast.

Correction for the following Cities.

Eastern Standard.

75° Longitude.

	Minutes.
Bangor, Me.	— 25
Augusta, Me.	— 21
Portland, Me.	— 19
Boston, Mass.	— 16
Newport, R. I.	— 15
Providence, R. I.	— 14
Concord, N. H.	— 14
New London, Conn.	— 11
Springfield, Mass.	— 10
Montpelier, Vt.	— 10
Hartford, Conn.	— 9
Montreal, Que.	— 6
Albany, N. Y.	— 5
New York, N. Y	— 4
Utica, N. Y.	+ 1
Philadelphia, Pa.	+ 1
Syracuse, N. Y.	+ 5
Baltimore, Md.	+ 6
Washington, D. C.	+ 8
Rochester, N. Y.	+ 11
Buffalo, N. Y.	+ 16
Pittsburg, Pa.	+ 20

Central Standard.

90° Longitude.

	Minutes.
Cleveland, Ohio	— 33
Columbus, Ohio	— 28
Detroit, Mich.	— 28
Toledo, Ohio	— 26
Dayton, Ohio	— 23
Cincinnati, Ohio	— 22
Louisville, Ky.	— 18
Indianapolis, Ind.	— 16
Chicago, Ill.	— 10
Milwaukee, Wis.	— 8
Springfield, Ill.	— 2
Memphis, Tenn.	0
New Orleans, La.	0
St. Louis, Mo.	+ 1
Rock Island, Ill.	+ 3
Dubuque, Iowa	+ 3
Burlington, Iowa	+ 5
St. Paul, Minn.	+ 12
Des Moines, Iowa	+ 14
Kansas City, Mo.	+ 18
Galveston, Texas	+ 19
Omaha, Neb.	+ 24

Mountain Standard.

105° Longitude.

Denver, Col.	0
Salt Lake City, Utah,	+ 28

Pacific Standard.

120° Longitude.

Sacramento, Cal.	+ 6
San Francisco, Cal.	+ 10

POPULATION OF THE UNITED STATES.

CENSUS OF 1880.

Alabama	1,262,505
Arkansas	802,525
California	864,694
Colorado	194,327
Connecticut	622,700
Delaware	146,608
Florida	269,493
Georgia	1,542,180
Illinois	3,077,871
Indiana	1,978,301
Iowa	1,624,615
Kansas	996,096
Kentucky	1,648,690
Louisiana	939,946
Maine	648,936
Maryland	934,943
Massachusetts	1,783,085
Michigan	1,636,937
Minnesota	780,773
Mississippi	1,131,597
Missouri	2,168,380
Nebraska	452,402
Nevada	62,266
New Hampshire	346,991
New Jersey	1,131,116
New York	5,082,871
North Carolina	1,399,750
Ohio	3,198,062
Oregon	174,768
Pennsylvania	4,282,891
Rhode Island	276,531
South Carolina	995,577
Tennessee	1,542,359
Texas	1,591,749
Vermont	332,286
Virginia	1,512,565
West Virginia	618,457
Wisconsin	1,315,497
Total States	49,371,340

THE TERRITORIES.

Alaska	— —
Arizona	40,440
Dakota	135,177
District of Columbia	177,624
Idaho	32,610
Montana	39,159
New Mexico	119,565
Utah	143,936
Washington	75,116
Wyoming	20,789
Total Territories	784,443
Total U. States	50,155,783

POPULATION OF PRINCIPAL CITIES.

Cities having a population of 30,000 and upwards, according to the United States Census of 1880.

Rank.		
21	Albany, N. Y.	90,758
23	Allegheny, Pa.	78,682
49	Atlanta, Ga.	37,409
7	Baltimore, Md.	332,313
5	Boston, Mass.	362,839
3	Brooklyn, N. Y.	566,663
13	Buffalo, N. Y.	155,134
31	Cambridge, Mass.	52,669
44	Camden, N. J.	41,659
36	Charleston, S. C.	49,984
4	Chicago, Ill.	503,185
8	Cincinnati, Ohio	255,139
11	Cleveland, Ohio	160,146
33	Columbus, Ohio	51,647
47	Dayton, Ohio	38,678
50	Denver, Col.	35,629
18	Detroit, Mich.	116,340
37	Fall River, Mass.	48,961
58	Grand Rapids, Mich.	32,016
60	Harrisburg, Pa.	30,762
43	Hartford, Conn.	42,015
59	Hoboken, N. J.	30,999
24	Indianapolis, Ind.	75,056
17	Jersey City, N. J.	120,722
30	Kansas City, Mo.	55,785
46	Lawrence, Mass.	39,151
16	Louisville, Ky.	123,758
27	Lowell, Mass.	59,475
48	Lynn, Mass.	38,274
56	Manchester, N. H.	32,630
54	Memphis, Tenn.	33,592
19	Milwaukee, Wis.	115,587
38	Minneapolis, Minn.	46,887
40	Nashville, Tenn.	43,350
15	Newark, N. J.	136,508
26	New Haven, Conn.	62,882
10	New Orleans, La.	216,090
1	New York, N. Y.	1,206,299
51	Oakland, Cal.	34,555
63	Omaha, Neb.	30,518
34	Patterson, N. J.	51,031
2	Philadelphia, Pa.	847,170
12	Pittsburg, Pa.	156,389
53	Portland, Me.	33,810
20	Providence, R. I.	104,857
41	Reading, Pa.	43,278
25	Richmond, Va.	63,600
22	Rochester, N. Y.	89,366
9	San Francisco, Cal.	233,959
62	Savannah, Ga.	30,709
39	Scranton, Pa.	45,850
55	Springfield, Mass.	33,340
57	St. Joseph, Mo.	32,431
6	St. Louis, Mo.	350,518
45	St. Paul, Minn.	41,473
32	Syracuse, N. Y.	51,792
35	Toledo, Ohio	50,137
64	Trenton, N. J.	29,910
29	Troy, N. Y.	56,747
52	Utica, N. Y.	33,914
14	Washington, D. C.	147,293
61	Wheeling, W. Va.	30,737
42	Wilmington, Del.	42,478
28	Worcester, Mass.	58,291

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of	Residence when elected.	Political Party.
1	George Washington	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.	Virginia.	Federal.
2	John Adams.....	Oct. 30, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.	Mass.	"
3	Thomas Jefferson...	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.	Virginia.	Republican.
4	James Madison.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1837	"	"	"
5	James Monroe.....	April 28, 1759	" 4, 1817	8 "	July 4, 1831	"	"	"
6	John Quincy Adams.	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.	Mass.	Coalition.
7	Andrew Jackson	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.	Tennessee.	Democrat.
8	Martin Van Buren.	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.	New York.	"
9	Wm. H. Harrison ...	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.	Ohio.	Whig.
10	John Tyler.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos	Jan. 17, 1862	"	Virginia.	"
11	James K. Polk.....	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.	Tennessee.	Democrat.
12	Zachary Taylor.....	Nov. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.	Louisiana.	Whig.
13	Millard Fillmore ..	Jan. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 8, 1874	New York.	New York.	"
14	Franklin Pierce....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. Hamp.	N. Hamp.	Democrat.
15	James Buchanan....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.	Penn.	"
16	Abraham Lincoln...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.	Illinois.	Republican.
17	Andrew Johnson....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.	Tennessee.	"
18	Ulysses S. Grant ...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.	Illinois.	"
19	Rutherf'd B. Hayes	Oct. 4, 1822	" 5, 1877	4 "	.....	Vermont.	Ohio.	"
20	James A Garfield..	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	Ohio.	"	"
21	Chester A. Arthur.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	.....	Vermont.	New York.	"
22	Grover Cleveland..	Mar. 18, 1837	Mar. 4, 1885	.....	.....	New Jersey.	New York.	Democrat.

VOTE FOR PRESIDENT—1884.

STATES.	POPULAR VOTE.				ELECTORAL VOTE.	
	Blaine.	Cleveland.	Butler.	St. John.	Cleveland.	Blaine.
Alabama.....	59591	93951	873	612	10	.....
Arkansas	50895	72927	1847	.....	7	.....
California....	102416	89288	2017	2920	.....	8
Colorado.....	36290	27723	1958	761	.....	3
Connecticut..	65923	67199	1688	2305	6	.....
Delaware	12951	16964	6	55	3	.....
Florida	28031	31766	.....	72	4	.....
Georgia.....	48603	94667	145	195	12	.....
Illinois	337474	312355	10910	12074	.....	22
Indiana.....	238463	244990	8293	3028	15	.....
Iowa	197089	177316	.....	1472	.....	13
Kansas	154406	90132	16341	4495	.....	9
Kentucky....	118122	152961	1691	3139	13	.....
Louisiana	46347	62540	.....	.....	8	.....
Maine	72209	52140	3953	2160	.....	6
Maryland	85699	96932	531	2794	8	.....
Massachusetts	146724	122481	24433	10026	.....	14
Michigan	192669	149835	42243	18403	.....	13
Minnesota ...	111923	70144	3583	4684	.....	7
Mississippi...	43509	76510	.....	.....	9	.....
Missouri	202929	235988	.....	2153	16	.....
Nebraska	76912	54391	.....	2899	.....	5
Nevada.....	7193	5578	26	.....	.....	3
N. Hampshire	43249	39183	552	1571	.....	4
New Jersey..	123440	127798	3496	6159	9	.....
New York ...	562005	563154	16994	25016	36	.....
N. Carolina..	125068	142952	.....	454	11	.....
Ohio.....	400082	368280	5179	11069	.....	23
Oregon	26860	24604	726	492	.....	3
Pennsylvania.	473804	392785	16992	15283	.....	30
Rhode Island	19030	12391	422	928	.....	4
S. Carolina...	21733	69890	.....	.....	9	.....
Tennessee ...	124078	133258	957	1131	12	.....
Texas	93141	225309	3321	3534	13	.....
Vermont	39514	17331	785	1752	.....	4
Virginia.....	139356	145497	.....	138	12	.....
W. Virginia..	63096	67317	810	939	6	.....
Wisconsin ...	161157	146459	4598	7656	.....	11
Total.....	4851981	4874986	175370	150369	219	182

PRESIDENTIAL VOTES IN PREVIOUS YEARS.

	POPULAR VOTE.				ELECTORAL.	
Year.	Republican.	Democrat.	Greenb'k.	Prohib.	Rep.	Dem.
1880	4454416	4444952	308578	10305	214	155
1876	4033950	4284757	81737	9522	185	184
*1872	3597070	2834079	.....	5608	286	42
†1868	3015071	2709613	.....	.....	214	71

* Democratic vote, exclusive of 29408 for Chas. O'Conner.
† Mississippi, Texas and Virginia did not vote.

TIDE TABLE

(The following values are derived from late determinations of the United States Coast Survey.)

To find the time (Standard Time) of High Water at any of the following places, add or subtract the hours and minutes opposite the name of place in the following Table, to or from the hours and minutes of High Water at NEW YORK for the required day, as found in the *Calendar Page*.

		H.	M.	Mean range. Feet.
Eastport, Me., (Intercolonial Time) ...	add	3	33	18.2
EASTERN STANDARD.				
Bar Harbor, Me.	"	2	27	10.4
Portland, Me.	"	2	55	9.1
Portsmouth, N. H.	"	3	3	8.6
Isles of Shoals, N. H.	"	2	57	8.7
Newburyport, Mass.	"	3	17	7.5
Gloucester, Mass.	"	2	44	8.9
Salem, Mass.	"	2	54	9.2
Nahant, Mass.	"	2	50	9.4
Plymouth, Mass.	"	2	59	10.2
Provincetown, Mass.	"	2	59	9.2
Nantucket, Mass.	"	4	15	3.0
Vineyard Haven, Mass.	"	3	22	1.6
Wood's Hole, North Side, Mass.	sub.	0	21	4.0
Wood's Hole, South Side, Mass.	add	0	14	1.6
New Bedford Entrance (Dumpling Rock), Mass.	sub.	0	20	3.7
Newport, R. I.	"	0	33	3.9
Point Judith, R. I.	"	0	45	3.1
Sandy Hook, N. J.	"	0	36	4.7
Watch Hill, R. I.	add	0	44	2.7
Stonington, Conn.	"	0	52	2.7
New London, Conn.	"	1	12	2.5
New Haven, Conn.	"	2	57	6.0
Bridgeport, Conn.	"	3	1	6.5
Montauk Point, L. I.	"	0	4	1.9
Throg's Neck, N. Y.	"	3	12	7.3
Cape May Landing, N. J.	"	0	16	4.8
Newcastle, Del.	"	3	52	6.5
Philadelphia, Penn.	"	5	42	6.0
Annapolis, Md.	sub.	3	19	0.9
Baltimore, Md.	"	1	24	1.3
Richmond, Va.	"	3	25	3.6
Hatteras Inlet, N. C.	"	0	56	2.0
Beaufort, N. C.	"	0	35	2.8
Charleston (C. H. Wharf), S. C.	"	0	19	5.1
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga.	"	1	22	6.9
Savannah (Dry Dock Wharf), Ga.	"	0	25	6.5
St. Augustine, Fla.	"	0	17	4.1
Key West, Fla.	add	1	4	1.2
Tampa Bay (Egmont Key), Fla.	"	2	49	1.2
Cedar Keys (Depot Key), Fla.	"	4	52	1.9

INTEREST LAWS OF ALL THE STATES.

STATES & TERRITORIES.	PENALTY OF USURY.	Legal.	Special.
Alabama,	Loss of interest.	8	. . . . .
Arizona,	No penalty.	10	No limit.
Arkansas,	" "	6	" "
California,	" "	10	" "
Colorado,	" "	10	" "
Connecticut,	Forfeiture of all interest.	7	" "
Dakota,	" " contract.	7	18 per ct.
Delaware,	" " "	6	6 per ct.
District of Col.	" " all interest.	6	10 per ct.
Florida,	No penalty.	8	No limit.
Georgia,	Forfeiture of excess.	7	12 per ct.
Idaho,	$300 fine or imp't 6 mos. or both.*	10	24 per ct.
Illinois,	Forfeiture of all interest.	6	10 per ct.
Indiana,	" " interest and costs.	6	10 per ct.
Iowa,	" " excess.	6	10 per ct.
Kansas,	" " " over 12 per ct.	7	12 per ct.
Kentucky,	" " all interest.	6	10 per ct.
Louisiana,	" " interest.	5	8 per ct.
Maine,	No penalty.	6	No limit.
Maryland,	Forfeiture of excess.	6	6 per ct.
Massachusetts,	No penalty—6 per ct. on judg'ts.	6	No limit.
Michigan,	Forfeiture of excess.	7	10 per ct.
Minnesota,	" " " over 7 per ct.	7	12 per ct.
Mississippi,	**Forfeiture of all interest.**	6	10 per ct.
Missouri,	Forfeiture of all interest.	6	10 per ct.
Montana,	No penalty.	10	. . . . .
Nebraska,	Forfeiture of all interest & costs.	10	12 per ct.
Nevada,	No penalty.	10	No limit.
N. Hampshire,	Forfeit of three times int. rec'd.	6	6 per ct.
New Jersey,	Forfeit of all interest.	7	7 per ct.
New Mexico,	No penalty.	6	12 per ct.
New York,	Forfeiture of contract.†	6	6 per ct.
North Carolina,	Forfeiture of interest.	6	8 per ct.
Ohio,	" " excess.	6	8 per ct.
Oregon,	" " prin., int. & costs.	10	12 per ct.
Pennsylvania,	" " excess, Act of 1858.	6	6 per ct.
Rhode Island,	" unless by contract.‡	6	No limit.
South Carolina,	No penalty.	10	" "
Tennessee,	Forfeit of over 6 p. c. & $100 fine.	6	10 per ct.
Texas,	No penalty.	8	No limit.
Utah,	" "	10	" "
Vermont,	Forfeit of excess on R. R. bonds.	6	7 per ct.
Virginia,	" " contract.	6	12 per ct.
Washington,	No penalty.	10	No limit.
West Virginia,	Forfeit of excess.	6	6 per ct.
Wisconsin,	" " all interest.	7	10 per ct.
Wyoming,	No penalty.	10	No limit.

* Liable to arrest for misdemeanor. † Also punishable as a misdemeanor. Banks forfeit interest only, or double the interest if charged in advance.
‡ Also 6 per cent. on judgments.

VALUES IN UNITED STATES MONEY

OF THE

PURE GOLD OR SILVER

REPRESENTING RESPECTIVELY THE MONETARY UNITS AND STANDARD COINS OF FOREIGN COUNTRIES.

The first section of the Act of March 3, 1873, provides "that the value of Foreign Coin, as expressed in the money of account of the United States, shall be that of the pure metal of such coin of standard value," and that "the values of the standard coins in circulation of the various nations of the world shall be estimated annually by the Director of the Mint, and be proclaimed on the first day of January by the Secretary of the Treasury."

The estimates of values contained in the following table are those made by the Director of the Mint, January 1st, 1885, in compliance with the above stated provisions of law.

COUNTRY.	MONETARY UNIT.	STANDARD.	VALUE.		
			D.	C.	M.
Argentine Repub.	Peso	Gold & silv.	0	96	5
Austria	Florin	Silver	0	37	1
Austria	Florin	Gold	0	48	4
Belgium	Franc	Gold & silv.	0	19	3
Bolivia	Boliviano	Silver	0	75	1
Brazil	Milreis of 1000 reis.	Gold	0	54	6
British America	Dollar	Gold	1	0	0
Central America	Dollar	Silver	0	93	5
Chili	Peso	Gold & silv.	0	91	2
Cuba	Peso	Gold & silv.	0	93	2
Denmark	Crown	Gold	0	26	8
Ecuador	Peso	Silver	0	75	1
Egypt	Piaster	Gold	0	4	9
France	Franc	Gold & silv.	0	19	3
Great Britain	Pound sterling	Gold	4	86	6½
Greece	Drachma	Gold & silv.	0	19	3
German Empire	Mark	Gold	0	23	8
Hayti	Gourde	Gold & silv.	0	96	5
India	Rupee of 16 annas.	Silver	0	35	7
Italy	Lira	Gold & silv.	0	19	3
Japan	Yen	Gold & silv.	0	81	0
Liberia	Dollar	Gold	1	0	0
Mexico	Dollar	Silver	0	81	6
Netherlands	Florin	Gold & silv.	0	40	2
Norway	Crown	Gold	0	26	8
Paraguay	Peso	Gold	1	0	0
Peru	Sol	Silver	0	75	1
Porto Rico	Peso	Gold	0	92	5
Portugal	Milreis of 1000 reis.	Gold	1	8	0
Russia	Roubl. of 100 cop'ks	Silver	0	60	1
Sandwich Islands	Dollar	Gold	1	0	0
Spain	Pseta of 100 centim.	Gold & silv.	0	19	3
Sweden	Crown	Gold	0	26	8
Switzerland	Franc	Gold & silv.	0	19	3
Tripoli	Mahbub of 20 piast's	Silver	0	67	7
Turkey	Piaster	Gold	0	4	4
U. S. of Colombia	Peso	Silver	0	75	1
Uruguay	Patacon	Gold	0	94	8
Venezuela	Bolivar	Gold & silv.	0	19	3

BUSINESS LAW IN DAILY USE.

The following compilation of business law contains the essence of a large amount of legal verbiage:

If a note is lost or stolen, it does not release the maker; he must pay it, if the consideration for which it was given and the amount can be proven.

Notes bear interest only when so stated.

Principals are responsible for the acts of their agents.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of special partnership.

Ignorance of the law excuses no one.

The law compels no one to do impossibilities.

An agreement without consideration is void.

A note made on Sunday is void.

Contracts made on Sunday cannot be enforced.

A note by a minor is void.

A contract made with a minor is void.

A contract made with a lunatic is void.

A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

It is a fraud to conceal a fraud.

Signatures made with a lead pencil are good in law.

A receipt for money is not always conclusive.

The acts of one partner bind all the rest.

"Value received," is usually written in a note, and should be, but is not necessary. If not written it is presumed by the law, or may be supplied by proof.

The maker of an "accommodation" bill or note (one for which he has received no consideration, having lent his name or credit for the accommodation of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

No consideration is sufficient in law if it be illegal in its nature.

Checks or drafts must be presented for payment without unreasonable delay.

Checks or drafts should be presented during business hours, but in this country, except in the case of banks, the time extends through the day and evening.

If the drawee of a check or draft has changed his residence, the holder must use due or reasonable diligence to find him.

If one who holds a check as payee or otherwise, transfers it to another, he has a right to insist that the check be presented that day, or, at farthest, on the day following.

A note indorsed in blank (the name of the indorser only written) is transferable by delivery, the same as if made payable to bearer.

If the time of payment of a note is not inserted, it is held payable on demand.

SHORT METHOD

For Calculating Interest.

Multiply the principal by as many hundreds as there are days, and

For 4	per	cent	Divide by	90
" 5	"	"	"	" 72
" 6	"	"	"	" 60
" 7	"	"	"	" 52
" 8	"	"	"	" 45
" 9	"	"	"	" 40
" 10	"	"	"	" 36
" 12	"	"	"	" 30

EXAMPLE — Interest on $50 for 30 days at 4%. 50 x .30 = 15.00, which divided by 90 = 16⅔ cents — the required result.

FESTIVALS AND FASTS.

Epiphany	Jan.	6
Septuagesima Sunday	Feb.	6
Quinquagesima — Shrove Sunday	Feb.	20
Ash Wednesday	Feb.	23
First Sunday in Lent	Feb.	27
St. Patrick	Mar.	17
Palm Sunday	April	3
Good Friday	April	8
Easter Sunday	April	10
Low Sunday	April	17
Rogation Sunday	May	15
Ascension Day — Holy Thursday	May	19
Pentecost — Whit Sunday	May	29
Trinity Sunday	June	5
Corpus Christi	June	9
St John Baptist	June	24
Michælmas Day	Sept.	29
First Sunday in Advent	Nov.	27
St. Andrew	Nov.	30
Christmas Day	Dec.	25

CHRONOLOGICAL CYCLES.

Dominical Letter	B
Epact	6
Lunar Cycle, or Golden Number	7
Solar Cycle	20
Roman Indiction	15
Julian Period	6600

ECLIPSES FOR THE YEAR.

In the year 1887 there will be four Eclipses; two of the Sun, and two of the Moon.

I. A Partial Eclipse of the Moon, February 8. Visible entire to North America and Pacific Ocean, and more or less to South America, China and Australia. Occurring as follows:—

	Eastern Standard.	Central Standard.	Mountain Standard.
	D. H. M.	D. H. M.	D. H. M.
Moon enters Penumbra	8 3 1 M.	8 2 1 M.	8 1 1 M.
Moon enters Shadow..	8 4 14 M.	8 3 14 M.	8 2 14 M.
Middle of Eclipse.....	8 5 22 M.	8 4 22 M.	8 3 22 M.
Moon leaves Shadow..	8 6 30 M.	8 5 30 M.	8 4 30 M.
Moon leaves Penumbra	8 7 43 M.	8 6 43 M.	8 5 43 M.

Magnitude of Eclipse = 0.436, (Moon's diameter = 1).

II. An Annular Eclipse of the Sun, February 22. Invisible. Visible in part to the western coast of South America and the eastern coast of Australia, and wholly to New Zealand and South Pacific Ocean. Being annular along a line drawn from a point south of Tasmania, passing south of New Zealand, and terminating on the western edge of Bolivia.

III. A Partial Eclipse of the Moon, August 3. Invisible. Visible more or less to the world generally, except to North America.

IV. A Total Eclipse of the Sun, August 19. Invisible. Visible to the most of Europe, Asia and the Arctic Ocean. Being total along a line drawn through Berlin and Konigsberg, and running just north of Moscow and Yedo.

MORNING AND EVENING STARS.

Mercury will be Evening Star about March 5, July 1, and October 27; and Morning Star about April 17, August 16, and December 6.

Venus will be Evening Star till September 21; and Morning Star the rest of the year.

Jupiter will be Morning Star till April 21; then Evening Star till November 8; and Morning Star again the rest of the year.

MOON'S PERIGEE AND APOGEE.

		Eastern Standard.	Central Standard.
JAN.	PERIGEE	12d. 1h. M.	12d. 0h. M.
	APOGEE	28d. 2h. M.	28d. 1h. M.
FEB.	PERIGEE	9d. 7h. M.	9d. 6h. M.
	APOGEE	24d. 1h. A.	24d. 0h. A.
MAR.	PERIGEE	9d. 7h. A.	9d. 6h. A.
	APOGEE	23d. 2h. A.	23d. 1h. A.
APRIL	PERIGEE	7d. 7h. M.	7d. 6h. M.
	APOGEE	19d. 9h. A.	19d. 8h. A.
MAY.	PERIGEE	5d. 1h. A.	5d. 0h. A.
	APOGEE	17d. 1h. A.	17d. 0h. A.
JUNE.	PERIGEE	2d. 6h. M.	2d. 5h. M.
	APOGEE	14d. 7h. M.	14d. 6h. M.
	PERIGEE	28d. 2h. M.	28d. 1h. M.
JULY.	APOGEE	12d. 1h. M.	12d. 0h. M.
	PERIGEE	24d. 1h. M.	24d. 0h. M.
AUG.	APOGEE	8d. 7h. A.	8d. 6h. A.
	PERIGEE	20d. 7h. A.	20d. 6h. A.
SEPT.	APOGEE	5d. 10h. M.	5d. 9h. M.
	PERIGEE	18d. 2h. M.	18d. 1h. M.
OCT.	APOGEE	2d. 5h. A.	2d. 4h. A.
	PERIGEE	16d. 1h. A.	16d. 0h. A.
	APOGEE	29d. 6h. A.	29d. 5h. A.
NOV.	PERIGEE	14d. 0h. M.	13d. 11h. A.
	APOGEE	26d. 4h. M.	26d. 3h. M.
DEC.	PERIGEE	12d. 5h. M.	12d. 4h. M.
	APOGEE	23d. 10h. A.	23d. 9h. A.

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox,	Mar. 20, 5h. A.	Mar. 20, 4h. A.
Summer Solstice,	June 21, 1h. A.	June, 21, 0h. A.
Autumnal Equinox,	Sept. 23, 4h. M.	Sept. 23, 3h. M.
Winter Solstice,	Dec. 21, 10h. A.	Dec. 21, 9h. A.
	Mountain Standard.	**Pacific Standard.**
Vernal Equinox,	Mar. 20, 3h. A.	Mar. 20, 2h. A.
Summer Solstice,	June 21, 11h. M.	June 21, 10h. M.
Autumnal Equinox,	Sept. 23, 2h. M.	Sept. 23, 1h. M.
Winter Solstice,	Dec. 21, 8h. A.	Dec. 21, 7h. A.

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FIRST QUARTER..	2d. 7h. 20m. M.	2d. 6h. 20m. M.
FULL MOON	9d. 5h. 32m. A.	9d. 4h. 32m. A.
LAST QUARTER ...	16d. 10h. 22m. M.	16d. 9h. 22m. M.
NEW MOON.....	23d. 10h. 1m. A.	23d. 9h. 1m. A.

BOSTON & CHICAGO.				BOST. TIDE.	N. YORK & PHILA.				N. Y. TIDE.
D. of M.	Day of W'k.	Local Mean Time. SUN R.&S.	Local Mean Time. MOON R.&S.	Standard Time.	D. of M.	Day of W'k.	Local Mean Time. SUN R.&S.	Local Mean Time. MOON R.&S.	Standard Time.
1	SA.	r7 30	11 49	3 46	1	r7 25	11 49	0 45	
2	S	s4 39	morn	4 33	2	s4 44	morn	1 32	
3	MO.	r7 30	0 47	5 22	3	r7 25	0 46	2 20	
4	TU.	s4 40	1 47	6 15	4	s4 46	1 45	3 13	
5	WE.	r7 30	2 47	7 10	5	r7 25	2 44	4 7	
6	TH.	s4 43	3 49	8 7	6	s4 48	3 46	5 4	
7	FR.	r7 30	4 52	9 2	7	r7 25	4 48	6 0	
8	SA.	s4 45	5 55	9 57	8	s4 50	5 51	6 55	
9	S	r7 29	rises.	10 51	9	r7 24	rises.	7 45	
10	MO.	s4 47	5 58	11 41	10	s4 52	6 2	8 37	
11	TU.	r7 28	7 9	0 6	11	r7 24	7 12	9 29	
12	WE.	s4 49	8 21	0 55	12	s4 54	8 23	10 17	
13	TH.	r7 28	9 33	1 45	13	r7 23	9 34	11 4	
14	FR.	s4 51	10 44	2 35	14	s4 56	10 44	11 57	
15	SA.	r7 27	11 54	3 25	15	r7 22	11 53	0 23	
16	S	s4 53	morn	4 18	16	s4 58	morn	1 18	
17	MO.	r7 26	1 2	5 18	17	r7 21	1 0	2 16	
18	TU.	s4 56	2 8	6 20	18	s5 1	2 5	3 18	
19	WE.	r7 25	3 12	7 21	19	r7 20	3 9	4 18	
20	TH.	s4 58	4 14	8 20	20	s5 3	4 10	5 17	
21	FR.	r7 24	5 11	9 16	21	r7 19	5 7	6 14	
22	SA.	s5 1	6 3	10 7	22	s5 6	5 59	7 4	
23	S	r7 22	sets.	10 54	23	r7 18	sets.	7 48	
24	MO.	s5 3	5 49	11 35	24	s5 8	5 52	8 31	
25	TU.	r7 21	6 47	.....	25	r7 17	6 50	9 12	
26	WE.	s5 6	7 45	0 34	26	s5 10	7 47	9 51	
27	TH.	r7 19	8 42	1 13	27	r7 15	8 43	10 28	
28	FR.	s5 8	9 39	1 51	28	s5 12	9 39	11 4	
29	SA.	r7 17	10 36	2 29	29	r7 13	10 35	11 44	
30	S	s5 12	11 34	3 7	30	s5 15	11 33	0 5	
31	MO.	r7 15	morn	3 49	31	r7 11	morn	0 48	

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
First Quarter..	1d. 3h. 27m. M.	1d. 2h. 27m. M.
Full Moon.....	8d. 5h. 14m. M.	8d. 4h. 14m. M.
Last Quarter...	14d. 8h. 32m. A.	14d. 7h. 32m. A.
New Moon.....	22d. 4h. 40m. A.	22d. 3h. 40m. A.

BOSTON & CHICAGO.		Local Mean Time.		Bost. Tide.	N. YORK & PHILA.		Local Mean Time.		N. Y. Tide.
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Standard Time.	D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Standard Time.
1	Tu.	r7 14	0 33	4 37	1	r7	10	0 31	1 36
2	We.	s5 15	1 33	5 32	2	s5	19	1 30	2 30
3	Th.	r7 12	2 34	6 31	3	r7	9	2 30	3 29
4	Fr.	s5 18	3 35	7 33	4	s5	21	3 31	4 29
5	Sa.	r7 10	4 35	8 36	5	r7	7	4 31	5 33
6	♒	s5 20	5 32	9 35	6	s5	24	5 28	6 33
7	Mo.	r7 8	6 24	10 33	7	r7	4	6 20	7 29
8	Tu.	s5 23	rises.	11 24	8	s5	26	rises.	8 18
9	We.	r7 6	7 12	.....	9	r7	2	7 14	9 11
10	Th.	s5 26	8 26	0 36	10	s5	29	8 27	9 59
11	Fr.	r7 2	9 39	1 26	11	r7	0	9 39	10 45
12	Sa.	s5 28	10 50	2 14	12	s5	31	10 49	11 33
13	♒	r7 0	11 59	3 3	13	r6	57	11 57	.....
14	Mo.	s5 31	morn	3 56	14	s5	33	morn	0 54
15	Tu.	r6 58	1 5	4 54	15	r6	54	1 2	1 51
16	We.	s5 33	2 8	5 54	16	s5	36	2 4	2 52
17	Th.	r6 55	3 7	6 58	17	r6	52	3 3	3 55
18	Fr.	s5 36	4 0	7 59	18	s5	38	3 56	4 56
19	Sa.	r6 52	4 48	8 55	19	r6	49	4 44	5 52
20	♒	s5 38	5 30	9 44	20	s5	41	5 26	6 42
21	Mo.	r6 49	6 7	10 29	21	r6	46	6 4	7 25
22	Tu.	s5 41	sets.	11 9	22	s5	43	sets.	8 4
23	We.	r6 46	6 34	11 46	23	r6	43	6 35	8 42
24	Th.	s5 43	7 32	0 4	24	s5	46	7 33	9 21
25	Fr.	r6 43	8 29	0 41	25	r6	40	8 29	9 57
26	Sa.	s5 46	9 26	1 17	26	s5	48	9 25	10 31
27	♒	r6 39	10 24	1 54	27	r6	38	10 22	11 8
28	Mo.	s5 48	11 22	2 33	28	s5	50	11 19	11 49
..	....	.....	.....	.....	..	....	.....	.....	.....
..	....	.....	.....	.....	..	....	.....	.....	.....
..	....	.....	.....	.....	..	....	.....	.....	.....

March ♈ 1887

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FIRST QUARTER..	2d. 8h. 8m. A.	2d. 7h. 8m. A.
FULL MOON	9d. 3h. 34m. A.	9d. 2h. 34m. A.
LAST QUARTER ...	16d. 8h. 42m. M.	16d. 7h. 42m. M.
NEW MOON.....	24d. 11h. 10m. M.	24d. 10h. 10m. M.

BOSTON & CHICAGO.				BOST. TIDE.	N. YORK & PHILA.				N. Y. TIDE.
D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.	D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.
1	TU.	r6 36	morn	3 14	1	r6	35	morn	0 12
2	WE.	s5 51	0 21	4 1	2	s5	52	0 18	1 0
3	TH.	r6 33	1 21	4 56	3	r6	31	1 17	1 54
4	FR.	s5 53	2 20	5 58	4	s5	54	2 16	2 56
5	SA.	r6 30	3 16	7 5	5	r6	28	3 12	4 2
6	♋	s5 56	4 9	8 12	6	s5	57	4 5	5 8
7	MO.	r6 27	4 57	9 13	7	r6	25	4 53	6 11
8	TU.	s5 58	5 41	10 12	8	s5	59	5 38	7 9
9	WE.	r6 23	rises.	11 3	9	r6	22	rises.	7 57
10	TH.	s6 0	7 13	11 50	10	s6	1	7 13	8 48
11	FR.	r6 19	8 29	0 14	11	r6	19	8 28	9 36
12	SA.	s6 3	9 42	1 2	12	s6	3	9 40	10 22
13	♋	r6 16	10 52	1 50	13	r6	15	10 49	11 9
14	MO.	s6 5	11 58	2 40	14	s6	5	11 54	.....
15	TU.	r6 13	morn	3 31	15	r6	12	morn	0 30
16	WE.	s6 7	1 0	4 28	16	s6	7	0 56	1 27
17	TH.	r6 9	1 56	5 29	17	r6	9	1 52	2 27
18	FR.	s6 10	2 46	6 33	18	s6	10	2 42	3 30
19	SA.	r6 6	3 30	7 32	19	r6	6	3 26	4 29
20	♋	s6 12	4 9	8 27	20	s6	12	4 6	5 24
21	MO.	r6 2	4 43	9 15	21	r6	2	4 40	6 13
22	TU.	s6 14	5 14	10 0	22	s6	14	5 12	6 57
23	WE.	r5 59	5 42	10 39	23	r5	59	5 41	7 35
24	TH.	s6 16	sets.	11 16	24	s6	16	sets.	8 10
25	FR.	r5 55	7 20	11 50	25	r5	56	7 19	8 47
26	SA.	s6 19	8 18	0 8	26	s6	18	8 16	9 25
27	♋	r5 52	9 16	0 45	27	r5	52	9 14	10 1
28	MO.	s6 21	10 15	1 23	28	s6	20	10 12	10 39
29	TU.	r5 48	11 14	2 4	29	r5	49	11 10	11 20
30	WE.	s6 23	morn	2 46	30	s6	22	morn	.....
31	TH.	r5 45	0 12	3 35	31	r5	46	0 8	0 33

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FIRST QUARTER ..	1d. 8h. 53m. M.	1d. 7h. 53m. M.
FULL MOON	8d. 0h. 39m. M.	7d. 11h. 39m. A.
LAST QUARTER...	14d. 11h. 4m. A.	14d. 10h. 4m. A.
NEW MOON.....	23d. 3h. 53m. M.	23d. 2h. 53m. M.
FIRST QUARTER..	30d. 6h. 0m. A.	30d. 5h. 0m. A.

BOSTON & CHICAGO.				Bost. Tide.	N. YORK & PHILA.				N. Y. Tide.
D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.	D. of M.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.	
1	Fr.	r5 43	1 8	4 32	1	r5 44	1 4	1 31	
2	Sa.	s6 26	2 1	5 35	2	s6 25	1 57	2 33	
3	☰	r5 40	2 49	6 42	3	r5 41	2 45	3 39	
4	Mo.	s6 29	3 33	7 50	4	s6 27	3 30	4 46	
5	Tu.	r5 36	4 13	8 52	5	r5 38	4 11	5 49	
6	We.	s6 31	4 51	9 48	6	s6 29	4 50	6 46	
7	Th.	r5 33	5 28	10 42	7	r5 35	5 28	7 37	
8	Fr.	s6 33	rises.	11 28	8	s6 32	rises.	8 22	
9	Sa.	r5 30	8 29	.....	9	r5 31	8 26	9 13	
10	☰	s6 36	9 40	0 39	10	s6 34	9 37	10 1	
11	Mo.	r5 26	10 47	1 28	11	r5 28	10 43	10 47	
12	Tu.	s6 38	11 48	2 17	12	s6 36	11 44	11 38	
13	We.	r5 23	morn	3 8	13	r5 25	morn	0 5	
14	Th.	s6 40	0 42	4 3	14	s6 38	0 38	1 2	
15	Fr.	r5 20	1 29	5 1	15	r5 22	1 25	2 0	
16	Sa.	s6 42	2 9	6 1	16	s6 40	2 5	2 58	
17	☰	r5 16	2 45	6 59	17	r5 19	2 42	3 55	
18	Mo.	s6 44	3 17	7 52	18	s6 42	3 15	4 48	
19	Tu.	r5 13	3 46	8 39	19	r5 16	3 44	5 37	
20	We.	s6 47	4 14	9 24	20	s6 44	4 13	6 22	
21	Th.	r5 10	4 41	10 5	21	r5 13	4 41	7 3	
22	Fr.	s6 49	5 7	10 44	22	s6 46	5 8	7 39	
23	Sa.	r5 7	sets.	11 20	23	r5 10	sets.	8 15	
24	☰	s6 51	8 9	11 58	24	s6 48	8 6	8 55	
25	Mo.	r5 4	9 10	0 17	25	r5 7	9 6	9 35	
26	Tu.	s6 53	10 8	0 58	26	s6 50	10 4	10 16	
27	We.	r5 1	11 4	1 41	27	r5 4	11 0	10 58	
28	Th.	s6 56	11 58	2 28	28	s6 52	11 54	11 48	
29	Fr.	r4 59	morn	3 17	29	r5 2	morn	0 15	
30	Sa.	s6 58	0 46	4 13	30	s6 54	0 42	1 12	
..	.....	.....	.....	.....	..	.....	.....	.....	

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON	7d. 9h. 1m. M.	7d. 8h. 1m. M.
LAST QUARTER ...	14d. 3h. 17m. A.	14d. 2h. 17m. A.
NEW MOON	22d. 6h. 5m. A.	22d. 5h. 5m. A.
FIRST QUARTER ..	30d. 0h. 19m. M.	29d. 11h. 19m. A.

BOSTON & CHICAGO.				Bost. Tide.	N. YORK & PHILA.				N. Y. Tide.
D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.	D. of M.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.	
1	♋	r4 56	1 30	5 16	1	r4 59	1 27	2 14	
2	Mo.	s7 0	2 10	6 21	2	s6 57	2 7	3 19	
3	Tu.	r4 53	2 47	7 27	3	r4 57	2 45	4 23	
4	We.	s7 2	3 23	8 29	4	s6 59	3 22	5 26	
5	Th.	r4 50	3 58	9 25	5	r4 54	3 58	6 23	
6	Fr.	s7 4	4 33	10 17	6	s7 1	4 34	7 14	
7	Sa.	r4 48	rises.	11 8	7	r4 52	rises.	8 1	
8	♋	s7 7	8 25	11 53	8	s7 3	8 21	8 51	
9	Mo.	r4 45	9 32	0 17	9	r4 49	9 28	9 40	
10	Tu.	s7 9	10 31	1 7	10	s7 5	10 26	10 27	
11	We.	r4 43	11 23	1 55	11	r4 47	11 19	11 14	
12	Th.	s7 11	morn	2 44	12	s7 7	morn	.....	
13	Fr.	r4 41	0 7	3 35	13	r4 45	0 3	0 33	
14	Sa.	s7 13	0 45	4 28	14	s7 9	0 42	1 26	
15	♋	r4 39	1 19	5 22	15	r4 43	1 16	2 20	
16	Mo.	s7 15	1 49	6 16	16	s7 11	1 47	3 13	
17	Tu.	r4 37	2 17	7 8	17	r4 41	2 16	4 4	
18	We.	s7 17	2 44	7 57	18	s7 13	2 44	4 53	
19	Th.	r4 35	3 11	8 43	19	r4 40	3 12	5 40	
20	Fr.	s7 19	3 39	9 27	20	s7 14	3 40	6 25	
21	Sa.	r4 33	4 8	10 11	21	r4 38	4 10	7 8	
22	♋	s7 21	sets.	10 53	22	s7 16	sets.	7 48	
23	Mo.	r4 31	8 2	11 33	23	r4 36	7 58	8 28	
24	Tu.	s7 23	9 0	.....	24	s7 18	8 56	9 14	
25	We.	r4 30	9 55	0 38	25	r4 35	9 50	9 58	
26	Th.	s7 25	10 46	1 24	26	s7 20	10 42	10 43	
27	Fr.	r4 29	11 31	2 13	27	r4 34	11 27	11 33	
28	Sa.	s7 27	morn	3 4	28	s7 21	morn	0 1	
29	♋	r4 27	0 12	3 58	29	r4 33	0 9	0 57	
30	Mo.	s7 28	0 50	4 59	30	s7 23	0 48	1 55	
31	Tu.	r4 26	1 24	5 59	31	r4 32	1 23	2 57	

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON	5d. 5h. 38m. A.	5d. 4h. 38m. A.
LAST QUARTER...	13d. 8h. 35m. M.	13d. 7h. 35m. M.
NEW MOON.....	21d. 5h. 53m. M.	21d. 4h. 53m. M.
FIRST QUARTER ..	28d. 5h. 1m. M.	28d. 4h. 1m. M.

BOSTON & CHICAGO.					N. YORK & PHILA.				
D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Bost. Tide. Standard Time.	D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	N. Y. Tide. Standard Time.
1	We.	r4 26	1 57	7 3	1	r4	31	1 57	4 0
2	Th.	s7 30	2 31	8 4	2	s7	25	2 32	5 0
3	Fr.	r4 25	3 6	9 1	3	r4	30	3 8	5 59
4	Sa.	s7 32	3 44	9 56	4	s7	27	3 47	6 54
5	☰	r4 24	rises.	10 47	5	r4	29	rises.	7 42
6	Mo.	s7 33	8 15	11 35	6	s7	28	8 11	8 31
7	Tu.	r4 23	9 12	.....	7	r4	29	9 7	9 21
8	We.	s7 35	10 1	0 47	8	s7	29	9 57	10 8
9	Th.	r4 23	10 43	1 34	9	r4	28	10 39	10 51
10	Fr.	s7 36	11 19	2 20	10	s7	30	11 16	11 38
11	Sa.	r4 22	11 51	3 4	11	r4	28	11 49	0 1
12	☰	s7 37	morn	3 50	12	s7	31	morn	0 49
13	Mo.	r4 22	0 20	4 38	13	r4	28	0 19	1 37
14	Tu.	s7 38	0 47	5 28	14	s7	32	0 46	2 26
15	We.	r4 22	1 14	6 19	15	r4	28	1 14	3 17
16	Th.	s7 38	1 41	7 11	16	s7	33	1 42	4 7
17	Fr.	r4 22	2 10	8 2	17	r4	28	2 12	4 58
18	Sa.	s7 39	2 41	8 51	18	s7	33	2 44	5 48
19	☰	r4 23	3 16	9 38	19	r4	28	3 19	6 36
20	Mo.	s7 40	3 57	10 26	20	s7	34	4 1	7 23
21	Tu.	r4 23	sets.	11 13	21	r4	29	sets.	8 8
22	We.	s7 40	8 42	11 58	22	s7	34	8 38	8 55
23	Th.	r4 23	9 31	0 22	23	r4	29	9 27	9 44
24	Fr.	s7 40	10 14	1 10	24	s7	35	10 11	10 31
25	Sa.	r4 24	10 53	2 0	25	r4	30	10 51	11 19
26	☰	s7 40	11 28	2 48	26	s7	35	11 27	.....
27	Mo.	r4 25	morn	3 40	27	r4	30	morn	0 39
28	Tu.	s7 40	0 1	4 35	28	s7	35	0 1	1 34
29	We.	r4 25	0 33	5 37	29	r4	31	0 34	2 35
30	Th.	s7 40	1 7	6 39	30	s7	35	1 9	3 36
..	....	.....	.....	.....	..	....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON	5d. 3h. 34m. M.	5d. 2h. 34m. M.
LAST QUARTER ...	13d. 1h. 57m. M.	13d. 0h. 57m. M.
NEW MOON	20d. 3h. 50m. A.	20d. 2h. 50m. A.
FIRST QUARTER ..	27d. 9h. 30m. M.	27d. 8h. 30m. M.

BOSTON & CHICAGO.				BOST. TIDE.	N. YORK & PHILA.				N. Y. TIDE.
D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.	D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.
1	FR.	r4 26	1 43	7 41	1	r4 32	1 46	4 37	
2	SA.	s7 40	2 22	8 41	2	s7 35	2 25	5 39	
3	S	r4 27	3 6	9 38	3	r4 33	3 10	6 36	
4	MO.	s7 40	3 55	10 31	4	s7 34	3 59	7 27	
5	TU.	r4 29	rises.	11 18	5	r4 34	rises.	8 12	
6	WE.	s7 40	8 38	.....	6	s7 34	8 34	9 1	
7	TH.	r4 30	9 16	0 26	7	r4 36	9 13	9 46	
8	FR.	s7 39	9 50	1 9	8	s7 33	9 47	10 26	
9	SA.	r4 31	10 21	1 51	9	r4 37	10 19	11 5	
10	S	s7 38	10 50	2 31	10	s7 32	10 49	11 48	
11	MO.	r4 33	11 17	3 12	11	r4 38	11 17	0 9	
12	TU.	s7 37	11 43	3 55	12	s7 32	11 44	0 54	
13	WE.	r4 34	morn	4 41	13	r4 40	morn	1 49	
14	TH.	s7 36	0 10	5 30	14	s7 31	0 12	2 29	
15	FR.	r4 36	0 40	6 24	15	r4 41	0 42	3 21	
16	SA.	s7 35	1 13	7 16	16	s7 29	1 16	4 15	
17	S	r4 37	1 50	8 14	17	r4 43	1 54	5 12	
18	MO.	s7 34	2 33	9 10	18	s7 28	2 37	6 8	
19	TU.	r4 39	3 25	10 4	19	r4 44	3 30	7 1	
20	WE.	s7 32	sets.	10 55	20	s7 27	sets.	7 49	
21	TH.	r4 41	8 9	11 42	21	r4 46	8 5	8 39	
22	FR.	s7 30	8 51	0 6	22	s7 25	8 48	9 29	
23	SA.	r4 43	9 29	0 54	23	r4 48	9 27	10 15	
24	S	s7 29	10 4	1 43	24	s7 23	10 3	11 1	
25	MO.	r4 45	10 37	2 31	25	r4 49	10 37	11 52	
26	TU.	s7 27	11 10	3 20	26	s7 22	11 11	0 18	
27	WE.	r4 47	11 45	4 14	27	r4 51	11 47	1 13	
28	TH.	s7 25	morn	5 13	28	s7 20	morn	2 11	
29	FR.	r4 49	0 23	6 16	29	r4 53	0 26	3 14	
30	SA.	s7 23	1 5	7 21	30	s7 18	1 9	4 18	
31	S	r4 51	1 50	8 23	31	r4 55	1 54	5 20	

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON	3d. 3h. 40m. A.	3d. 2h. 40m. A.
LAST QUARTER ...	11d. 6h. 36m. A.	11d. 5h. 36m. A.
NEW MOON	19d. 0h. 38m. M.	18d. 11h. 38m. A.
FIRST QUARTER ..	25d. 3h. 21m. A.	25d. 2h. 21m. A.

BOSTON & CHICAGO.		Local Mean Time.		Bost. Tide.	N. YORK & PHILA.		Local Mean Time.		N. Y. Tide.
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Standard Time.	D. of M.		Sun R.&S.	Moon R.&S.	Standard Time.
1	Mo.	r4 52	2 40	9 21	1	r4	56	2 45	6 19
2	Tu.	s7 19	3 36	10 13	2	s7	15	3 40	7 10
3	We.	r4 54	rises.	11 0	3	r4	58	rises.	7 53
4	Th.	s7 16	7 50	11 41	4	s7	12	7 47	8 38
5	Fr.	r4 56	8 22	0 1	5	r5	0	8 20	9 19
6	Sa.	s7 14	8 51	0 41	6	s7	10	8 50	9 58
7	♎	r4 58	9 19	1 18	7	r5	2	9 18	10 32
8	Mo.	s7 11	9 46	1 57	8	s7	8	9 46	11 10
9	Tu.	r5 0	10 13	2 34	9	r5	4	10 14	11 50
10	We.	s7 8	10 41	3 14	10	s7	5	10 43	0 11
11	Th.	r5 2	11 11	3 57	11	r5	5	11 14	0 56
12	Fr.	s7 6	11 45	4 46	12	s7	2	11 49	1 45
13	Sa.	r5 4	morn	5 41	13	r5	7	morn	2 39
14	♎	s7 3	0 25	6 40	14	s7	0	0 29	3 38
15	Mo.	r5 6	1 12	7 43	15	r5	9	1 16	4 39
16	Tu.	s7 0	2 6	8 43	16	s6	57	2 11	5 40
17	We.	r5 8	3 7	9 41	17	r5	11	3 11	6 39
18	Th.	s6 57	4 15	10 36	18	s6	54	4 19	7 31
19	Fr.	r5 11	sets.	11 25	19	r5	13	sets.	8 20
20	Sa.	s6 54	8 2	.....	20	s6	51	8 1	9 11
21	♎	r5 13	8 37	0 35	21	r5	15	8 37	9 57
22	Mo.	s6 51	9 11	1 23	22	s6	48	9 12	10 42
23	Tu.	r5 15	9 46	2 11	23	r5	17	9 48	11 30
24	We.	s6 48	10 23	3 0	24	s6	45	10 26	.....
25	Th.	r5 17	11 3	3 52	25	r5	19	11 7	0 51
26	Fr.	s6 44	11 47	4 52	26	s6	42	11 51	1 51
27	Sa.	r5 19	morn	5 57	27	r5	21	morn	2 55
28	♎	s6 41	0 37	7 3	28	s6	39	0 42	4 0
29	Mo.	r5 21	1 32	8 5	29	r5	23	1 36	5 1
30	Tu.	s6 38	2 29	9 0	30	s6	36	2 33	5 58
31	We.	r5 23	3 27	9 50	31	r5	25	3 31	6 48

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON	2d. 6h. 12m. M.	2d. 5h. 12m. M.
LAST QUARTER...	10d. 10h. 3m. M.	10d. 9h. 3m. M.
NEW MOON.....	17d. 9h. 0m. M.	17d. 8h. 0m. M.
FIRST QUARTER ..	24d. 0h. 4m. M.	23d. 11h. 4m. A.

BOSTON & CHICAGO.				BOST. TIDE.	N. YORK & PHILA.			N. Y. TIDE.
D. of M.	Day of W'k.	Local Mean Time. SUN R.&S.	Local Mean Time. MOON R.&S.	Standard Time.	D. of M.	Local Mean Time. SUN R.&S.	Local Mean Time. MOON R.&S.	Standard Time.
1	TH.	r5 24	4 25	10 36	1	r5 26	4 28	7 32
2	FR.	s6 33	rises.	11 15	2	s6 31	rises.	8 9
3	SA.	r5 26	7 21	11 51	3	r5 28	7 20	8 49
4	☰	s6 29	7 48	0 9	4	s6 28	7 48	9 26
5	MO.	r5 28	8 14	0 46	5	r5 30	8 15	10 2
6	TU.	s6 26	8 41	1 22	6	s6 25	8 43	10 35
7	WE.	r5 30	9 10	1 59	7	r5 32	9 13	11 13
8	TH.	s6 23	9 43	2 39	8	s6 21	9 46	11 56
9	FR.	r5 33	10 21	3 21	9	r5 34	10 25	0 19
10	SA.	s6 19	11 4	4 9	10	s6 18	11 8	1 8
11	☰	r5 35	11 52	5 5	11	r5 36	11 57	2 4
12	MO.	s6 16	morn	6 9	12	s6 15	morn	3 6
13	TU.	r5 37	0 48	7 14	13	r5 38	0 52	4 10
14	WE.	s6 12	1 51	8 19	14	s6 11	1 55	5 16
15	TH.	r5 39	3 1	9 19	15	r5 40	3 4	6 17
16	FR.	s6 9	4 14	10 15	16	s6 8	4 16	7 11
17	SA.	r5 41	sets.	11 5	17	r5 42	sets.	7 59
18	☰	s6 5	7 7	11 51	18	s6 5	7 7	8 47
19	MO.	r5 43	7 42	0 14	19	r5 44	7 44	9 37
20	TU.	s6 2	8 19	1 1	20	s6 1	8 22	10 21
21	WE.	r5 45	8 59	1 51	21	r5 46	9 2	11 10
22	TH.	s5 58	9 44	2 40	22	s5 58	9 48	.....
23	FR.	r5 48	10 33	3 34	23	r5 48	10 38	0 32
24	SA.	s5 54	11 26	4 33	24	s5 55	11 31	1 32
25	☰	r5 50	morn	5 37	25	r5 50	morn	2 35
26	MO.	s5 51	0 22	6 40	26	s5 51	0 26	3 37
27	TU.	r5 52	1 20	7 41	27	r5 52	1 24	4 37
28	WE.	s5 47	2 19	8 35	28	s5 48	2 22	5 32
29	TH.	r5 54	3 18	9 22	29	r5 54	3 20	6 20
30	FR.	s5 44	4 16	10 5	30	s5 44	4 18	7 3
..	.....	.....	.....	.....	..	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON	1d. 10h. 47m. A.	1d. 9h. 47m. A.
LAST QUARTER...	9d. 11h. 57m. A.	9d. 10h. 57m. A.
NEW MOON.....	16d. 5h. 35m. A.	16d. 4h. 35m. A.
FIRST QUARTER ..	23d. 0h. 46m. A.	23d. 11h. 46m. M.
FULL MOON	31d. 4h. 31m. A.	31d. 3h. 31m. A.

BOSTON & CHICAGO.				BOST. TIDE.	N. YORK & PHILA.				N. Y. TIDE.
D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.	D. of M.	Day of W'k.	Local Mean Time. Sun R.&S.	Local Mean Time. Moon R.&S.	Standard Time.
1	SA.	r5 56	5 14	10 45	1	r5	56	5 15	7 40
2	S	s5 40	rises.	11 20	2	s5	41	rises.	8 14
3	MO.	r5 58	6 44	11 55	3	r5	58	6 46	8 53
4	TU.	s5 37	7 13	0 13	4	s5	38	7 15	9 30
5	WE.	r6 1	7 44	0 50	5	r6	0	7 47	10 6
6	TH.	s5 34	8 18	1 28	6	s5	35	8 22	10 43
7	FR.	r6 3	8 57	2 9	7	r6	2	9 1	11 25
8	SA.	s5 30	9 43	2 52	8	s5	31	9 48	.....
9	S	r6 5	10 36	3 42	9	r6	4	10 41	0 40
10	MO.	s5 27	11 35	4 38	10	s5	28	11 39	1 37
11	TU.	r6 7	morn	5 41	11	r6	6	morn	2 39
12	WE.	s5 24	0 39	6 48	12	s5	25	0 43	3 45
13	TH.	r6 10	1 48	7 53	13	r6	8	1 51	4 50
14	FR.	s5 20	3 1	8 53	14	s5	22	3 3	5 51
15	SA.	r6 12	4 17	9 50	15	r6	11	4 18	6 47
16	S	s5 17	5 33	10 41	16	s5	19	5 33	7 36
17	MO.	r6 15	sets.	11 28	17	r6	13	sets.	8 23
18	TU.	s5 14	6 51	.....	18	s5	16	6 54	9 15
19	WE.	r6 17	7 35	0 41	19	r6	15	7 39	10 2
20	TH.	s5 11	8 24	1 30	20	s5	13	8 28	10 50
21	FR.	r6 20	9 17	2 22	21	r6	17	9 22	11 44
22	SA.	s5 8	10 14	3 15	22	s5	10	10 19	0 13
23	S	r6 22	11 13	4 12	23	r6	19	11 17	1 11
24	MO.	s5 5	morn	5 11	24	s5	7	morn	2 9
25	TU.	r6 24	0 12	6 10	25	r6	22	0 15	3 8
26	WE.	s5 2	1 11	6 58	26	s5	5	1 14	4 5
27	TH.	r6 26	2 9	7 59	27	r6	24	2 11	4 55
28	FR.	s4 59	3 7	8 46	28	s5	2	3 8	5 44
29	SA.	r6 29	4 5	9 30	29	r6	26	4 5	6 28
30	S	s4 57	5 3	10 11	30	s4	59	5 2	7 8
31	MO.	r6 32	6 1	10 49	31	r6	28	5 59	7 44

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
LAST QUARTER...	8d. 0h. 2m. A.	8d. 11h. 2m. M.
NEW MOON.....	15d. 3h. 8m. M.	15d. 2h. 8m. M.
FIRST QUARTER ..	22d. 5h. 43m. M.	22d. 4h. 43m. M.
FULL MOON	30d. 10h. 20m. M.	30d. 9h. 20m. M.

BOSTON & CHICAGO.					BOST. TIDE.	N. YORK & PHILA.					N. Y. TIDE.
D. of M.	Day of W'k.	Local Mean Time.				D. of M.	Local Mean Time.				
		SUN R.&S.	MOON R.&S.		Standard Time.		SUN R.&S.	MOON R.&S.			Standard Time.
1	TU.	r6 33	rises.		11 25	1	r6 30	rises.			8 20
2	WE.	s4 53	6 19		.....	2	s4 56	6 23			9 0
3	TH.	r6 35	6 57		0 23	3	r6 32	7 1			9 41
4	FR.	s4 50	7 41		1 3	4	s4 53	7 46			10 20
5	SA.	r6 38	8 30		1 47	5	r6 35	8 35			11 4
6	♅	s4 48	9 26		2 33	6	s4 51	9 30			11 53
7	MO.	r6 41	10 27		3 21	7	r6 37	10 31			0 19
8	TU.	s4 45	11 33		4 16	8	s4 49	11 36			1 16
9	WE.	r6 43	morn		5 18	9	r6 39	morn			2 16
10	TH.	s4 43	0 41		6 22	10	s4 47	0 43			3 20
11	FR.	r6 45	1 52		7 25	11	r6 42	1 53			4 22
12	SA.	s4 41	3 5		8 26	12	s4 45	3 5			5 22
13	♅	r6 48	4 20		9 22	13	r6 44	4 19			6 20
14	MO.	s4 39	5 35		10 17	14	s4 43	5 33			7 13
15	TU.	r6 50	sets.		11 7	15	r6 46	sets.			8 2
16	WE.	s4 38	6 9		11 56	16	s4 42	6 13			8 52
17	TH.	r6 53	7 2		0 21	17	r6 49	7 7			9 45
18	FR.	s4 36	7 59		1 12	18	s4 40	8 4			10 33
19	SA.	r6 55	8 59		2 3	19	r6 51	9 3			11 23
20	♅	s4 34	10 0		2 53	20	s4 39	10 4			.....
21	MO.	r6 58	11 1		3 44	21	r6 54	11 4			0 43
22	TU.	s4 33	morn		4 37	22	s4 38	morn			1 36
23	WE.	r7 0	0 1		5 32	23	r6 56	0 3			2 30
24	TH.	s4 32	0 59		6 25	24	s4 37	1 0			3 23
25	FR.	r7 3	1 57		7 16	25	r6 58	1 57			4 13
26	SA.	s4 31	2 55		8 5	26	s4 36	2 55			5 1
27	♅	r7 5	3 52		8 50	27	r7 0	3 51			5 47
28	MO.	s4 30	4 50		9 34	28	s4 35	4 48			6 32
29	TU.	r7 7	5 49		10 17	29	r7 2	5 46			7 14
30	WE.	s4 29	rises.		10 58	30	s4 34	rises.			7 52
..	.....	.....	.....		.....	..	.....	.....			.....

MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
LAST QUARTER ...	7d. 10h. 11m. A.	7d. 9h. 11m. A.
NEW MOON	14d. 2h. 21m. A.	14d. 1h. 21m. A.
FIRST QUARTER ..	22d. 2h. 1m. M.	22d. 1h. 1m. M.
FULL MOON	30d. 3h. 14m. M.	30d. 2h. 14m. M.

BOSTON & CHICAGO.					BOST. TIDE.	N. YORK & PHILA.					N. Y. TIDE.
D. of M.	Day of W'k.	Local Mean Time. SUN R.&S.		Local Mean Time. MOON R.&S.		Standard Time.	D. of M.	Local Mean Time. SUN R.&S.		Local Mean Time. MOON R.&S.		Standard Time.
1	TH.	r7	9	5	37	11 39	1	r7	4	5	42	8 35
2	FR.	s4	28	6	26	0 0	2	s4	33	6	31	9 19
3	SA.	r7	11	7	20	0 43	3	r7	6	7	25	10 4
4	S	s4	28	8	19	1 29	4	s4	33	8	23	10 47
5	MO.	r7	14	9	23	2 16	5	r7	8	9	27	11 36
6	TU.	s4	28	10	30	3 5	6	s4	33	10	33	0 2
7	WE.	r7	16	11	39	3 57	7	r7	10	11	41	0 56
8	TH.	s4	28	morn		4 55	8	s4	33	morn		1 53
9	FR.	r7	17	0	49	5 55	9	r7	12	0	50	2 53
10	SA.	s4	28	2	0	6 57	10	s4	33	2	0	3 55
11	S	r7	19	3	13	8 0	11	r7	14	3	11	4 57
12	MO.	s4	28	4	26	8 59	12	s4	33	4	23	5 56
13	TU.	r7	21	5	39	9 55	13	r7	15	5	35	6 53
14	WE.	s4	28	sets.		10 48	14	s4	34	sets.		7 43
15	TH.	r7	22	5	40	11 39	15	r7	17	5	45	8 34
16	FR.	s4	29	6	40	0 3	16	s4	34	6	45	9 27
17	SA.	r7	24	7	42	0 53	17	r7	18	7	46	10 14
18	S	s4	29	8	45	1 41	18	s4	35	8	48	10 59
19	MO.	r7	25	9	47	2 28	19	r7	20	9	50	11 46
20	TU.	s4	30	10	47	3 12	20	s4	36	10	49	0 10
21	WE.	r7	26	11	46	3 59	21	r7	21	11	47	0 58
22	TH.	s4	31	morn		4 46	22	s4	37	morn		1 45
23	FR.	r7	27	0	44	5 37	23	r7	22	0	44	2 35
24	SA.	s4	32	1	42	6 27	24	s4	38	1	41	3 25
25	S	r7	28	2	40	7 18	25	r7	22	2	38	4 15
26	MO.	s4	34	3	38	8 8	26	s4	39	3	35	5 5
27	TU.	r7	29	4	37	8 57	27	r7	23	4	34	5 54
28	WE.	s4	35	5	36	9 46	28	s4	40	5	32	6 44
29	TH.	r7	29	6	35	10 34	29	r7	24	6	30	7 29
30	FR.	s4	36	rises.		11 18	30	s4	42	rises.		8 12
31	SA.	r7	30	6	10	.....	31	r7	24	6	14	9 1

Ther. SAT. JAN. 1, 1887 Wea. Fair

Happy New Year.

"Sick" towards night but better at bed time. Out of doors part of the day. Quit a little.

Ther. SUNDAY 2 Wea. Fair

In bed most of the day. Sat up in the afternoon. Had a little fever. Played on violin in the afternoon.

Ther. MON. JAN. 3, 1887 Wea. Fair

Mr. Olson came at night with mail. Fred. to go to S. on business if I am well enough.
Had talk with Leach.

Ther. 8.20 a.m. +24° TUESDAY 4 Wea. Fair

Mr. Olson left in the afternoon.
Geo. brought in the horses.
Taken sick about four. Mr. Jones here & sent word to Mr. Adams in the ~~afternoon~~ next day. Mr. A. & Jones here all night. Wednesday.

Ther. WED. JAN. 5, 1887 Wea. Fair

Mr. Jones rec'd Adams & Mr. A. back with him at night.

Key laid up with lame hand.

"Mrs. Houghton"

Ther. THURSDAY 6 Wea. Fair. Blind a little

Mr. Adams went home aftr dinner.
Had talk with Frank in the evening. He is to go to town similar of Trust.

Ther. FRI. JAN. 7, 1887 Cloudy Blowy. Wea.

Frank left in the morning
with Agnes -
Bob Hooker here all
night -

Mrs. T. in with me in
the afternoon.

"Fred Houghton"

Ther. SATURDAY 8 Mild Cloudy Wea.

A little snow fell last
night.
Up in the morning -
Mrs. T. eat with me.

Bob Hooker went away to-day

Snowed a little through
the day.

Sunrise

Ther. SUN. JAN. 9, 1887 Wea. Clear

+13°

Blew hard -

Mr. Tommy & Teddy went over for bait -

Ther. Sunrise MONDAY 10 Wea. Clear

+13° Blew hard all day -

Blew harder than any day since the wagons blew down hill -

Much better -

Mr. Anglin here at night -

Ther. 8 a.m. +24° TUES. JAN. 11, 1887 Wea. Clear Blowy

Olson came in the afternoon brought mail - Letter from Mother & Dr. M. Aunt Sarah Lib. died Xmas. Eve.
Man here from the next stand over night.

Ther. WEDNESDAY 12 Wea. Clear Blowy

Olson left in the morning. sent letter to Mother & Dr. M.
Man left in the morning.

Ther. THURS. JAN. 13, 1887 Wea. Clear Blowy

Frank & Agnes home spent night at Mr. Adams. brought me butter & preserves from Mrs. Baldwin. Burnies all O.K.

Made Robs. bibs.

Ther. FRIDAY 14 Wea. Super. fine

Mr. Jones left on the morning, sent some letters by him.

Sewed a little.

Robert - 2 years.

Ther. 9 A.M. +42° SAT. JAN. 15, 1887 Wea. Super-fine

Out-doors for first time since sickness.
Headache in afternoon.

Thermometer @ 5.30 P.M. +50°

Ther. Sunrise +38 SUNDAY 16 Wea. Cloudy, Windy

Bathed children &c.
Sorted pictures —
Wrote a little —

Mexicans came for medicine

Ther. MON. JAN. 17, 1887 Wea.

+10° Fine.

Mr. Torrey went & Datils took Freddy with him - Sat in Mrs. Torreys room in the morning

Mrs. T. & Annie took the children & walk in the afternoon - I sat out of doors while Fred. worked. Boys at work getting out logs.

Ther. TUESDAY 18 Wea.

+10° Fine

Man here for medicine from Little -

Boys off for logs -

Laura's hand bad - laid up for the day -

Out of doors all the afternoon took quite a walk -

Knit in the Evening -

Ther. WED. JAN. 19, 1887 Wea.

+34 Fine

In Mrs. Torrey's room
a little while -
Frank better but not
at logs -
Fred. hauled wood -
Boys at logs -
Ab. Johnson here -

Ther. THURSDAY 20 Wea.

Sunrise
+33° Fine

In bed all day with
headache -
Mr. Tony & Fred. came
home about 2 - brought
mail -
Picture of Little Charlie
Letter from Mother

Ther. FRI. JAN. 21, 1887 Wea.

+36 ~~+36°~~ Cloudy.

Headache all day.
Boys at work on house
In my room all day -

Ther. SATURDAY 22 Wea.

+21° Squally -

Snowy in the night
Knit all day. Children
in the house with
me -
Ther. +16° at 10 P.M.

Ther. SUN. JAN. 23, 1887 Wea.

+16°. Fine

Mole a little -
Fed. swept my room
for me -
Fed. in Mr. Torrey's
room in the Evening.
Had talk with Frank

Ther. MONDAY 24 Wea.

Summit 14°
9 a.m. 45° Fine

Children out doors
to-day.
Fed. had headache.
Heard little Fred's
lessons -
All in Mrs. Torrey's
room for Spanish in
the evening -

Ther. 7 28° TUES. JAN. 25, 1887 Wea. Fine

Blew hard in the night

Ther. 7 11° WEDNESDAY 26 Wea. Fine

Two men here from Anne. Valley -
Moll late in the evening to Mother

Ther. 37° THURS. JAN. 27, 1887 Wea. Cloudy

Cleaned up room in the morning -
Went off down in afternoon & worked on Spanish — Chart.
Developed plates in the evening
Fed. Read class in Spanish -

Ther. 170 FRIDAY 28 Wea. ~~Fair~~ Cloudy

Up late - served a little
heard Freddy's lessons -
In Mrs. Tomy's room -
in the afternoon -
Fed. note on accounts
in the evening.
Shampooed head -

Ther. 7 20° SAT. JAN. 29, 1887 Wea. Clear

Annie & family with Freddy. went over to ~~Manage~~ Mrs. Adams. Outdoors in the afternoon -
Painted pictures in the Evening.

Mr. Anglon & Ed Martin here all night -

Fred - 1854

Ther. 7 34° SUNDAY 30 Wea. Fair

Thr. at 7 PM - ±50°.
Read & was lazy all day
Not up until noon -

Wrote a note to A.M.G.

A.M.G.

Ther. MON. JAN. 31, 1887 ~~Fair~~ Warm Wea.

Sat with open door in the morning.

Out of doors in the afternoon.
Fred had Spanish lesson in the evening.
Annie & self home at noon.

Ther. + 36 TUESDAY, FEB. 1 Wea.

In bed until noon
Went with Fred to haul wood in the afternoon.
Bed early.
George went to town

Freddy home at noon

Mr. Anglow here.

Ther. + 35° WED. FEB. 2, 1887 Wea. Fine

Fed. not well - on the bed most of the day

Mr. Anglen here -

3 Ther. + 34° THURSDAY 3 Wea. Cloudy ~~Fine~~

Fed. washed to-day - Frank went over to Mrs. Harris with the rest of the washing - Spanish lesson at night -

Ther. FRI. FEB. 4, 1887 Wea.

+34° Fine.

One of the finest days this winter.

Sprinkled clothes in the morning.

Out of doors all the afternoon.

Tired, rested in the Evening.

"Sick" again but not in bed

Ther. SATURDAY 5 Wea.

+24° Cloudy ~~Fine~~

Seemed all. B. day.

Rested a little.

Mr. & Mrs. Chipman here at noon to see about both.

Tired, rested in the Evening.

Mr. Anglin here.

Ther. SUN. FEB. 6, 1887 Wea.
+40 am. Snowy

Read most all day;
Rev. home with Mart
in the afternoon.
nothing from Al. and
Lud provoked.
Annie in in the evening.

Ther. MONDAY 7 Wea.
+38° Snowy

About four inches of snow
Lay room most of day.
Painting pictures of
Robert in the evening.
Not much worse or better
but head ached hard all
day.

Ther. TUES. FEB. 8, 1887 Wea.

+3 - 10 a.m. = 40.° Clear

Headache - quit all day.

Annie & Mrs I. made cake - for birthday -

Ther. WEDNESDAY 9 Wea.

+8 - Mon = 40° Clear

I am bed all day.

Frank has Lumbago.

Children had supper together - Cake &c.

Fred. made exam.

20

Agnes — 1876

Ther. THURS. FEB. 10, 1887 Wea.

+33° Snowy.
P.M. Clear

Up. but had headache
had. walked as far
with visitors -
Spanish lesson in the
Eve. but I wrote to
Da. & Mother.

Ther. +22° FRIDAY 11 Wea.

Snowy.

In Mrs. T's. room in
the morning -
Played a little in the
Evening.

Hattie Brooks. Died 1885.

Ther. +22° SAT. FEB. 12, 1887 Wea. fine

Knit a little & cleaned up room - moved traps into our room -
Mrs. Bara & two children here all night -
Pablo across with camps -

Ther. +37° SUNDAY 13 Wea. Squally

Lud. in the kitchen for Mr. B. who went house hunting -

Mr. Gray here all night -

Ther. +28 MON. FEB. 14, 1887 Wea. fine

Mrs. J. moved into new house. hurt her foot in the afternoon

Mr. Jones here at noon stay all night.
Mr. Smith here all night.

Ther. TUESDAY 15 Wea. fine

Mr Tony & Boyd off for town.
Mr. Kay & Ned cutting timber for wife.
two. after noon.
Annie & Frank in the kitchen.
Mrs. J.'s foot better.

Ther. WED. FEB. 16, 1887 Wea.

In bed all day -
Fed Mr. K. on legs -

Ther. THURSDAY 17 Wea.

+22°

In bed all day -
Children with Mrs. T.

Ther. Mild FRI. FEB. 18, 1887 Wea. Fair

Mr. Gray here to dinner

Mr. Jones left A.M.

Skunk in the evening

Dined to-day.

Ther. + 24° SATURDAY 19 Wea. A.M. Snowy P.M. Fair

~~We~~ Up after dinner.

In Mrs. Jones in the evening

Annie & Fred. played whist

Mr. Scott here to dinner

Discharged soldier from Wingate.

Ther. SUN. FEB. 20, 1887 Wea. Cloudy

In room until tea time.
Jud & Agnes went with Mr. Key for vegetables.

Ther. MONDAY 21 Wea. Fair Chilly

Jud. in kitchen after dinner.

Mr. Torey home in afternoon. brought a negro for camp cook.

Ther. TUES. FEB. 22, 1887 Wea. ~~Fair~~

Olson came with freight and the Torrys moved in to their kitchen and dining room.
Fed & worked on accounts in the eve.

Blew hard at night

Ther. +2° WEDNESDAY 23 Wea. Fine

Boys got logs up on Stone house.
Worked a little all day.

Ther. THURS. FEB. 24, 1887 Wea.
Fine

not quite as well -
Boys worked on roof of
Stone-house -
Just before tea Kay had
a fight with Tony -
all of us deadfully upset -

Ther. FRIDAY 25 Wea.
+28 Clear
Blowy

Mr. Tony went to town
Mr. ~~Mansfield~~ Mans field and
Mr. Marlan here Mr.
Mansfield had cut his
foot very badly - Ind.
amputated at foot joint
Were in Mrs. S's room
a little while in the
Evening.

X

Ther. 75 SAT. FEB. 26, 1887 Wea. Fine

Mr. M. complained of
uneasiness of stomach back
which continued through
the day & somewhat
worse at night.
Mr. Maclean left in the
afternoon.
Man here from A.V.
in the afternoon.

Gave Mr. M. Pot & Iod & Brom

Ther. SUNDAY 27 Wea.
Warm Gloomy.
Mr. M. showed much
symptoms of tetanus
pains fixed cramping
pains in back &c.
Wd looking & doing
finely. Temp. normal
no headache.
Moved him into my
room. Not able to
mistitrate hot cloths
& hot air bath effective
Pot. Brom. in large
doses.

Ther. MON. FEB. 28, 1887 Wea.
warm Gloomy

Mr. M. in constant pain & spasms at intervals very severe -
Hyd. Chlor. gr. xl - } Enema
Pot. Brom. gr. xx }
every three hours -
Beefteas - Pudgs food - & Egg - for nourishment
Spasms increased towards night, intense in bowels of abdomen -

Feb. 29 - Geo. Belden - 1860

Ther. TUESDAY, MAR. 1 Wea.
fine

Mr. M. still in great distress and pain at about 10 A.M. had a severe spasm of chest walls but relieved by inhalations of Ammon. much weaker after this & another one at supper time left him in almost hopeless condition Inhal. of Chloroform left him easy but had to be constant.
Another spasm of chest walls at about 1.30 A.M.

Ther. WED. MAR. 2, 1887 Wea.

Cloudy part of the day

Mild

this morning ended in death - Mr. Machan and Mr. Gorlette reached here about an hour and a half previous -

Boys made a coffin for him and about two in the afternoon had service for him and boys buried him -

Tom worked for Anne to-day

Ther. THURSDAY 3 Wea.

(Cloudy P.M.) Fine

Cleaned room -

Mr. & Mrs. Slaughter & her sister & Coney stopped for a short time on way home & brought letters -

Mr. Hall arrived in the afternoon and Jimmy Baldwin with him -

Ther. 37 FRI. MAR. 4, 1887 Wea. Cloudy

Mr. Barr left for his ranch
Jim B. back to Dalils &
took letters -
With Fred. most all
day.
Fred. worked a little
for me in afternoon
Read aloud to Fred.

Bessie Wakins — 1879-

Ther. SATURDAY 5 Wea. 4

Freddy went with Mr.
Ray over to Mr. Wheelus
to-day & he gone all
night -

Ther. SUN. MAR. 6, 1887 Wea.

Freddy came home at night pa had had a fine time –

4 Ther. MONDAY 7 Wea. fine

Took walk with Mrs. T. in the afternoon through one gap & back by the other –

Ther. TUES. MAR. 8, 1887 Wea. Blowy

Mr. Phelps & Clark W. here all night & man from Adobe ranch.
Frank left in the afternoon for cattle meeting on the 10th
Spent a little while with Mrs. T.

Ther. WEDNESDAY 9 Fine Wea.

Took picture of Mrs. T's room in the morning
Mr. T & his father returned in the afternoon.
Jno. Angton here.

Mr. Boyd went to the Datils.

Ther. THURS. MAR. 10, 1887 Wea. Fine

Fred & Mr. J. had talk in the morning

Mr. Boyd came home in the afternoon and had talk with Mr. J.

Bob Hooker & Campbell here - Bob. to take Charlie Keys place - Charlie all settled with.

Boys to go to the mill in the morning.

Ther. FRIDAY 11 Wea. Fine

Boys left for the mill -

Frank home in the afternoon -

Mr. Holbrook here all night - & a man from A.N.

Ther. SAT. MAR. 12, 1887 Wea. Fine

Frank & Mr. T. had a talk.
Mr. Holbrook left in the afternoon.
Charlie K. left to hunt horses for Mr. Holbrook.
Fred & I rowed until late.

Ther. SUNDAY 13 A.M. Fine Cloudy. Wea.

Frank & Mr. T. went to the Falls
Man here ~~with~~ looking for a horse & stayed to dinner.
Vanderbilt here with lame hand & foot.

Pines wrecked by our gray horse.

Ther. MON. MAR. 14, 1887 Wea.
Fine

Jens Sanora here to see Fred. by arch-Fred. washed some to-day.

Mr. Adams & Mrs. MacDirmid here all night.

Charlie Houghton.

Ther TUESDAY 15 Wea.
Fine

Sick with headache all day.

Two men here all night

Ther. WED. MAR. 16, 1887 Wea.
fine

In bed all day.
Fred went over to
Kyles to see Estelle-
house about fire.

Frank sent men
home in the morning

Ther. THURSDAY 17 Wea.
Cloudy.

Up late.

Juan José Padia &
Charlie Caldwell here
to dinner.

Ther. FRI. MAR. 18, 1887 Wea.

Mr. Kyle here about dinner time - took dinner with Mr. J. took medicine home for Eshitts.

Mrs. Fisher -

Ther. SATURDAY 19 Wea.

fine -

With Fred - most of day.
Fedick brought horses
Had a short talk with Mr. J.
Adams boys over but we sent them home.

Robert Walus Died 1880

Ther. SUN. MAR. 20, 1887 Wea.

fine

Up late - Worked on Acts with T. after dinner - Tried track Mr. J. talked in morning - bath up - Adams boys here a few moments - took Vocums buggy home.

Ther. MONDAY 21 Wea.

fine

Mr. J. in in afternoon -

Charlie Caldwell here to dinner.

Mr. Adams here in the morning for a little while.

Ther. TUES. MAR. 22, 1887 Wea.

10 A.M. +29° Snow Squalls - Cloudy

Fred & I went in the Evening.

Ther. WEDNESDAY 23 Wea.

Fine

Fred. went to Mangas claim. Freddy & Agnes went to Mangas alone did not meet Fred.

Mr. Toney & son went to Dalils. Mr. T. to go East. K. City. back in 10 days to 2 weeks.

Mr. T. left. 24th.

Ther. THURS. MAR. 24, 1887 Wea.
Fine

Fred. went to Kyles to vaccinate children.
Mr. Torrey left.
Mr. Kyle & Mr. Smith here to tea. Mrs. T. also.
Read up Small Pox in the evening.

Dr. Webster

Ther. FRIDAY 25 Wea.
Cloudy.

Fred. Frank & children on round up.
Mr. T. home in afternoon. Letters from Mansfield home in Conn.
Paper with Mrs. Fraley's death.

Developed plates in the evening.

Set two hens.
Lost five of the eggs. hen died

Ther. SAT. MAR. 26, 1887 Wea.

Snow Squall - Sunday P.M.

Spent most of day at
home - mended -
Negro over from Mrs Kyles
to get medicine -

Charlie Wills -

Ther. SUNDAY 27 Wea.
Fine

Read most all day
aloud to Fred.

Vaccinated three younger
children Freddy & Frank -

Henry Wills.

Ther. MON. MAR. 28, 1887 Wea.

Blowy - fine

Fred washed to-day.
Read aloud to him.
Played cards in the
evening with Freddy
& Agnes.

Ther. TUESDAY 29 Wea.

Fred - washed to-day
& Frank helped in
the kitchen.

Ther. WED. MAR. 30, 1887 Wea. Fine

Mr. Torry went to
join Tuttles round up
to-day. - (March 31)
Mrs. T. over to tea -

C. J. B. 1855 - Wedding - 1882.

Ther. THURSDAY 31 Wea.

Fuddy went over to
Adams in afternoon
& stayed all night -
Dr. Davidson here
all night - Texas Mid -
had been staying at
Mrs. Kyles some days -

Ther. FRI. APRIL 1, 1887 Wea. Fine

Faddy home in the morning - Frank went down to Sister Kyles.
Mr. Olson here at night with mail -
Read aloud to Fud. most of day - but had headache part of time

Mr. Hall here for a few moments.

Ther. SATURDAY 2 Wea. Fine

Frank home at noon
Mr. Olson left in the morning -
Read to Fud or Fud to me all day -

Ther. SUN. APRIL 3, 1887 Wea.

Jud & Agnes over to Adams.
home in afternoon.
Read aloud all day.

Coulain Poets" here to
dinner.

Ther. MONDAY 4 Wea. fine

Jud: washed.
Board up store-room
& hauled over trunks.

Man here looking for
work.

Ther. TUES. APRIL 5, 1887 Wea. Fine

Judy finished his reading.

Geo & Boyd home in the afternoon

Letter from Mother.

Ther. WEDNESDAY 6 Wea. Cloudy

Home work etc.

Branded fe.

Ther. THURS. APRIL 7, 1887 Wea. Cloudy

Wagon came in to-day & went over to Geo's place at night -

5 Ther. FRIDAY 8 Wea.

Mr. Torey home this ~~afternoon~~ morning -

Housework as usual -

Ther. SAT. APRIL 9, 1887 Wea. Cloudy. Blowy.

House work Head as usual.
Mended in the evening

Ther. SUNDAY 10 Wea. Snowy

Read aloud.
Annie not well.
S.S. lesson with Freddy.

Clemmie Houghton.

Ther. MON. APRIL 11, 1887 Wea. Cool & fine

Fred washed —
House-work all day.

Ther. TUESDAY 12 Wea. Snowy & clear at times —

House-work as usual —
Fred washed.
Headache in afternoon

9 am +31° Ther. WED. APRIL 13, 1887 Wea. clear Blowy

Blew hard & snowed all night - but not much snow left by noon -
Mr. Boyd over from camp -
Three men here on way to Arizona -

Painted pictures in the evening -

Ther. THURSDAY 14 Wea. fine

Bob Harper went to Datils for mail & took letters -
Geo. & Mr. Torey over to drive part way with Smith who starts for North to-day
Not feeling quite well but better towards night -
Read aloud & home work -
Mr. T. home at night -

Children got into an ant-hill & were bitten a good deal -

Ther. FRI. APRIL 15, 1887 Wea. Fair

Home-work as usual.

~~Geo & Buddy wrk~~

Ther. SATURDAY 16 Wea. Cloudy Snowy all night

Two men here from A.V. outfit to drive wrk guy horse to Forry Camp.

Buddy wrk with Geo. all day Agnes in the afternoon

R.H. Walus — 1852

Bessie Wells — 1856

Ther. SUN. APRIL 17, 1887 Cov Clear Wea.

Home-work. Snow on ground in the morning but all gone by night.

Ther. MONDAY 18 Snow Wea.

Windy Pleasant part of time Hail - Rain
Lud. worked to-day.
Mended & read aloud.
Lud. had headache at night.

Ther. TUES. APRIL 19, 1887 Wea. Fine

Frank went to Jones
to-day.
Two americans here
at night.

Ther. WEDNESDAY 20 Wea. Fine

Mr. Tovey & Mr Baldwin
came this afternoon
Letters &c.
Billy Swingle here
all night.
Frank home in the
afternoon. Mr. Jones
hurt but no bones broken.

All broken out with Scarlatina
when I went to bed.

Ther. THURS. APRIL 21, 1887 Wea.

Annie took children into her room -
Cleaned out everything from room -

Sent letters by Mr. Baldwin
Geo - Theo. Williams -
B & M - ~~N & M~~ -

Ther. FRIDAY 22 Wea.

Ther. SAT. APRIL 23, 1887 Wea.

Ther. SUNDAY 24 Wea.

Ther. MON. APRIL 25, 1887 Wea.

Ther. TUESDAY 26 Wea.

John Lemons here, ready to start Thursday.

Dr. Lucy Sewall.

Ther. WED. APRIL 27, 1887 Wea.

All boys hunted eggs all day. Fred. home to get my dinner off again afterwards -

Ther. THURSDAY 28 Wea.

Freddy left to-day with Geo. & John Lemons & Frank, Frank to see him off from S. Fred & Agnes went part way & Frank left after dinner -

Sent letters to Mother - Dr. Sewell - E. Banach - Benham - Baker -

Ther. FRI. APRIL 29, 1887 Wea.

Mr. Lowry's wagon left for plains to-day.
Gilbert Boyd went to Dakota.

Lent letters to Dr. Benedict & Geo. Postal to Mother.

Frank Brooks.

Ther. SATURDAY 30 Wea.

 Frank Brooks.

Ther. SUN. MAY 1, 1887 Wea. Windy

Annie in bed all day to-day.

Ther. MONDAY 2 Wea. Blowy

Up to-day. fumigation room & carbolic bath-
in kitchen with bed most all day-
But night after supper-

Man here to engine room to Grant Station-

Also here with freight

Ther. TUES. MAY 3, 1887 Wea. Fine

Mrs. birthday ends B Anne.
Mrs. Torrey & Mr. Torrey went over B Adams.
Mr. T. B go B Vegas.

Anne Rogerson — 1861

Ther. WEDNESDAY 4 Wea. Fine

Frank home B-day.

M.C.J. 1850 - Died 1883

Ther. THURS. MAY 5, 1887 Wea. fine

At night Allen came for Lulie to go to see Mr. Slaughter who was shot in the arm by Joe Adkins this noon

Annie not well at night —
Fred. left about nine

Ther. FRIDAY 6 Wea. fine

Ther. SAT. MAY 7, 1887 Wea.
Fine

Sent Geo. with note to Fred. Annie quite sick. Fred. home at night Mr. S. doing well –

Negro from Mr. Adams. Man from A. V. on way to Bowie's –

Ther. SUNDAY 8 Wea.
Fine

Uncle Fred. washed to-day.
Rested most of day
Annie better –

Mr. Kyle stopped on way to Ranch – Mr. S doing well –

Ther. MON. MAY 9, 1887 Wea. Fine

Fred. walked to-day.
Headache all time.

Geo. home at night.
Mr. S. tired but in
good shape -

6 Ther. TUESDAY 10 Wea. Fine

Fred. left this A.M.
Geo. went as far as
Mangas with him -

Hard headache all
day.

Annie worse again at
night.

Ther. WED. MAY 11, 1887 Wea.
Fine

Breakfast in bed -
Headache bad -
Went to sees in the
morning.
Geo. at the shingles -

Ther. THURSDAY 12 Wea.
Blowy

Mr. Zeuth here at
noon -
Sent letters by him
to go to S.
Mr. Albron here at
eight with freight
for Mr. Torrey
Moli in the evening

Geo. finished Tanks "pour.

Ther. FRI. MAY 13, 1887 Wea.

Cooler.

Mr. Axon left this a.m. Sent letters by him to Mother. Lizzie Mrs Houghton & Dr. M.

Geo. & Agnes rode to-day.

Ther. +74° SATURDAY 14 Wea.

Cloudy Sloppy

9 a.m.

Squabble with Annie & Frank this a.m.

Geo. rode to-day.

Fred. home at night.

Ther. SUN. MAY 15, 1887 Wea.
showers.

Fred. left with me.
Kyle in the morning.
Ch. bed rest of the day

Mrs. Torrey home in the afternoon

Ther. MONDAY 16 Wea.
cloudy

In bed all day.
Annie sick all night

Ther. TUES. MAY 17, 1887 Wea.
Cloudy

On bed most of day
Annie better.

Buys me on business
for Jerrys -

Ther. WEDNESDAY 18 Wea.
Shower

Sent Geo. for Fred. as I
was not feeling any better
Mr. Gray here at night.

Ther. THURS. MAY 19, 1887 Wea.
Fine

Mr. Gray left this A.M.
with mole for Fed.
Served a little.

Fed. home at night
Kw. with him.

Fed. home at night
Kw. with him

Ther. FRIDAY 20 Wea.
Fine

In bed all day.
Fed. washed.
Fed. mole Mr. Kyle,
Mr. Brown, Mr. Libbald
in the evening

Ther. SAT. MAY 21, 1887 Wea. Fine

Lud left this A.M.-
On the bed all day.
Quite faint at supper
time- Agnes slept
with me.

Ther. SUNDAY 22 Wea. Fine

Some better to-day.
Up at noon- Sent note
to Mr. Kyle-

Ther. MON. MAY 23, 1887 Wea. Cloudy

Agnes & Geo. went to the Hotels.
Lay on the bed all day, served a little. felt badly towards night.

Ther. TUESDAY 24 Wea. Light Showers

Geo. & Agnes home at noon. without music.
Mail. Letters from Geo. Brown. Dr. Benedict & others.
Feed. No one at night.

Ther. WED. MAY 25, 1887 Wea.
Light Showers -

Fred - washed -
Geo. went to Kyles
with letters -

Mr. Torry home at night.

Mow Mother to-day.

Ther. THURSDAY 26 Wea.
Rain

Fred. finished washing
Jesse & wife here to dinner -
Annie not well towards
night.

Fred. mow Dr. Benedict
& al.

Ther. FRI. MAY 27, 1887 Wea.

Hard. Rain A.M.

Fred. did not leave until after dinner - Spent part of afternoon with Annie.

Ther. SATURDAY 28 Wea.

Slight showers.

Fred. home at night - Mr. S. doing well -

Ther. SUN. MAY 29, 1887 Wea. Fine

Walked with Fred. a.m. to get Loco.
Fred & Leo. brought Katie's head down to dissect Pia matter congested but rest of brain apparently normal.
Had head-ache at night.

Ther. MONDAY 30 Wea. Fine

Short walk a.m. with Fred. Leo. left for Dalilo's after dinner.
Sent Loco letter to Dr. Sewall - Ann Arbor also note to George —

Bed early -

Ther. TUES. MAY 31, 1887 Wea.

Slight shower P.M. Fine

Killed snake at Geo's. house.

Geo. home at noon no mail. few letters. Fred. had headache all day.

Bed night after tea. Geo. & Agnes went to Adams for beef. John Lemons over in the morning to say they had killed

Ther. WEDNESDAY, JUNE 1 Wea.

+84 Clear & warm

Americans here before breakfast, medical call.

Fred. left after dinner, out doors most of day.

Geo. & Agnes home about ten — A.M.

 Fanny Cushing — 1863

Ther. THURS. JUNE 2, 1887 Wea. Cool Cloudy

Geo. rode with Sorrup for Cattle -
Fred. home at night.
Jan Mrs J's. most of day.

Mr. Boyd not seen since noon -

Ther. FRIDAY 3 Wea. Showers -

Fred. washed To-day -
Sewed a little.
Mr. Boyd all night.
Headache at night.

Ther. SAT. JUNE 4, 1887 Wea. fine

Fed. washed -
Medical call in afternoon - Fed. went out home about 7 PM -

Ther. SUNDAY 5 Wea. fine

Fed. finished washing -
Rides in the afternoon very tired -
Man here horse hunting stand all night -

Ther. MON. JUNE 6, 1887 Wea. Fine

Geo. & Frank hunted horses - Fred did home-work - Mrs. Torry here to dinner -
Annie had headache at night -
Man came from below to get Fed. to see the baby born Sat. which they thought was buried alive - Sent medicine -
Came again at night -

Ther. TUESDAY 7 Wea. Fair

Frank went to meet nurse but she didn't come -
Annie miserable

Ther. WED. JUNE 8, 1887 Wea. Fine

Annie still in bed –
Fred. started for Mr. S.
but met his Father on
the road & came back
Mr. S. doing well.
Mr. S & Miss Mc Adams
stopped here for a call –
Worked on accounts
with Fred.
Annie began with labor
pains & was sick all
night – morphine at
6 a.m. Mercury here –

Ther. THURSDAY 9 Fine Wea.

for Fred to go to Dalits to
see Jim Brooks – shot
through abdomen –
Annie up all day but
in pain – Had pains
from eight to eleven
but not effect after
1 a.m. next day – gave
morphine & about
two a.m. Chloroform –
Presentation double fee
but not head. More
like breech –
After waters broke on

Ther. FRI. JUNE 10, 1887 Wea. Fine

were broken discovered that it was a case pneumophalitis - child delivered at 5 a.m. - Annie called very soon but severe after pains - Morphine until night when not being called she went without -

Annie's wedding day —— 1880

7 Ther. SATURDAY 11 Wea. Fine

Hard morning - but after morphine got effect - much better & continued so all night -

Temp - about noon 102 4/5 - but lies at night -

Fred. went to Slaughters

Wm. Returned here for Fred. to go see Brooks who is dire alive - Went on to Slaughters for him -

Ther. SUN. JUNE 12, 1887 Wea.
Fine.

Annie had comfortable day but some fever at night or rather in the afternoon.
Left home at 3. Left at once for Dakota.
Mr. R. staid here.
Josh walk with Mrs. Tony in afternoon.

Ther. MONDAY 13 Wea.
Showers.

Annie very comfortable in morning but nervous & in pain in afternoon with her all day except a few minutes after dinner. Cut childens hair.
Mr. R. hunted for Pack.
Mr. Tony home in afternoon.

Ther. TUES. JUNE 14, 1887 Wea. fine.

Annie comfortable.
Mr. & Mrs. E. Torry here
at noon.
Jud. home at 2.
Hunted home until dark.
Geo. with him.

Ther. WEDNESDAY 15 Wea. fine

Sent Frank to hunt
mules.
Geo. after horse. Jud.
worked with wood-up
which came in the
morning.
Geo. hunting horse all
afternoon.
Mr. R. here for Jud. again
Jud left at 4.30.
Frank home & to go for
Mrs. Frank Hall's in
the morning.

Ther. THURS. JUNE 16, 1887 Wea.

Mr. R. went for Mrs. Harris.
Frank & Geo. hunted horses.
Mrs. H. washed in the afternoon.
Note from Fred.

Ther. FRIDAY 17 Wea.

Mr. H. left early.
Mrs. H. visited Fred. home at one in the morning.
Mr. Jones over to see Fred ~~Fred~~

Ther. SAT. JUNE 18, 1887 Wea. Showers Fair

Mr. Jones left before Fred. was up.
Mrs. H. & Fred. rested until noon -
Fred. went to Mangas for team - home about seven -
I rowed in the evening & rested -

Ther. SUNDAY 19 Wea. Fine

Left for Mr. S. to-day stopped short time at Mangas - reached Mr. S. at about six -

Margaret -

Ther. MON. JUNE 20, 1887 Wea.

P.M. Showers

Very warm - Dressed arm with Jad. dom well -
Read a little, bed early so as to have good start.

Ther. TUESDAY 21 Wea.

P.M. Showers.

Left about 2½ - & reached Mr. Garretts about tea time - pleasant time with Mrs. G. & Mrs. Miller. Mr. Bush there too -

Ther. WED. JUNE 22, 1887 Wea.

P.M. Showers

Started about ten for Mrs. B. found Jim Brooks not as well but improved through the day.
Fed. stayed with him all night -

Ther. THURSDAY 23 Wea.

P.M. Showers

Stayed over with Jim to-day. Fed. had hard sick headache in the evening. up until three -

Ther. FRI. JUNE 24, 1887 Wea.

fine

Fred. not able to go home to-day. Wa. Torey here for few moments. Annie as well as when we left.

Wrote note to Mother Fred. wrote. Brown Hen. Reynolds & Al. Mr. Torey back again as he had lost his way.

Annie Baker. Rud Hayes.

Ther. SATURDAY 25 Wea.

Showers.

Left for home about nine a.m. Home about four. Everything all right. Wrote a little but bed pretty early.

Fred took home mules. Geo. went to Jones & brought him home with him to help hunt Silers.

Sunday

88 Lizzie's Wedding-day — 1874

Ther. SUN. JUNE 26, 1887 Wea.

Showers -

Wrote letters to Dr. Mosher & Nettie Cornwell - Fred wrote to Mr. Brown - Mr. Butler & Dr. Miller

Mr. Torrey & Father left early. Fred called to Mrs. Adams at day-break baby born about ten minutes before he arrived home at night - News from Slaughter to come as soon as possible. Mexican here for medicine antelope died - Heavy rain N.

Ther. MONDAY 27 Wea.

Showers

Frank & Mr. Jones hunting sheep all day.

Fred. left for Slaughters bro. left for general round-up with the Torrey outfit, in the afternoon. Baked in the morning & cleaned yard in the afternoon.

Ther. TUES. JUNE 28, 1887 Wea.
Showers

Todays events noted under yesterdays date by mistake -

Ther. WEDNESDAY 29 Wea.
Showers -

In kitchen all day.
Frank & Mr. Jones hunted
Sheep but no luck -
Mexican here at night
for medicine for boy hurt
by fall!

Ther. THURS. JUNE 30, 1887 Wea. Fine -

Mexicans here before breakfast - went about eight to see bay hunt yesterday - stand until afternoon - met Fred. coming home from M. S. M. S - better but wound open -

Ther. FRIDAY, JULY 1 (Sat. 2) Wea. Slight showers -

Frank & Mr. Jones off to Mangas - Magdalena with 12 steers -
In kitchen most of day - Work in the evening with Fred on accts.

Wrote to Geo. G. Baker -
1 year - $623-38

Ther. SAT. JULY 2, 1887 Wea.
Fri. 1
Slight Showers

Lud. went to see Mrs. Adams - home at night all O.K. at the Adams ranch -

Mr. Eaton by on way to Magdalena -

Joe's Wedding day - 1881

Ther. SUNDAY 3 Wea.
Showers P.M. Fine

Walked with Lud to get horse, but he got away with stake rope -

Lud - mole until then then walked to find home found him about a mile from Indian Springs.

Ther. MON. JULY 4, 1887 Wea. ~~Showers~~ Fine

Took pictures in the morning -
Served all the afternoon -
Developed pictures at night -
Lud. washed a little for me -

Ther. TUESDAY 5 Wea. Fine

Pictures all the morning
fixed dark room in the cellar -
Served in the afternoon
Worked on pictures until late -
Frank home at noon
Jim Brooks dead -

Ther. WED. JULY 6, 1887 Wea.
7m

Left about 10 for Mr. S. stopped a moment at Mangas & Mr. Jones Found Mr. S. relieved from breaking of abscess the night before

Ther. THURSDAY 7 Wea.

Roy Davis left for home & and team & Frank & & bring chloroform & other - Returned about 9 P.M.
Marked spot & open in the morning.

Ther. FRI. JULY 8, 1887 Wea.

Fed & fumed abacus under chloroform - in the morning.
Mr. S. quite comfortable up at night.

Ther. SATURDAY 9 Wea.

Left this a.m. for home
Mr. S. quite comfortable.
Stopped at Mr. Jarvis -
Home about 6.

Ther. SUN. JULY 10, 1887 Wea.

Worked a little - but rested most of day.

Fed washed a little for me -

Ther. MONDAY 11 Wea.

Fed. left for Mr. Jarrett's
~~Baked all day.~~
Ironed in the evening
Cleaned room &c

Grandpa Pettingell -
96

Ther. TUES. JULY 12, 1887 Wea.

Geo. Carson here with a patient to see Fred, Mr. Ellerton -
Fred home about 3. with Mrs. Jarrett & Agnes. Dr. & Mrs. Miller & baby & Miss Avery.

Brothers Wedding-day - 1849

8 Ther. WEDNESDAY 13 Wea.

Dr. Miller worked on Annie's & my teeth all day.
Visited & cooked all day.
Mr. Potts here & had tooth pulled - (Thursday)
Mr & Mrs Kyle stopped on way to Mr. Slaughters -

Ther. THURS. JULY 14, 1887 Wea.
Showers

Horses got away & Dr. M. got lost trying to find them & Lost. & Mr. Torrey hunted him -
Mrs. Jarrett Agnes & Mrs Arey went home at noon.
Mr. Jones here at night.

Ther. FRIDAY 15 Wea.
Rainy

Left with Dr. & Mrs. Miller for the Dalles & home in going-wagon bed. - Mrs Arey came at night.

Ther. SAT. JULY 16, 1887 Wea.
Showers

Dr. & Mrs. M. & Mrs Avery left on stage -
After talking over bill with Mr. B. left for home - Home about 6. Mr. Kyle had left and Mr. S. not strong enough to come over but doing well -
Skunk fight in the evening. Fell over baby buggy -

Ther. SUNDAY 17 Wea.

Ind. punkā for a horse - Mrs. Ayers & Mr. Jones here a few minutes on road to Mrs. Ayers -
Mexican here to inquire for round-up.
Molly sick after dinner
Temp. 102 4/5 - gr. 1 3/4 at five -
7 P.M. 101 " 1 3/4 " 7-30
10 P.M. Temp. 98 4/5 p.

Robert - Temp. 101 4/5 - after warm bath " 100 4/5
10 P.M. " 101 4/5 - 1 3/2 gr. Quinine

Ther. MON. JULY 18, 1887 Wea.

Both children better in the morning no fever. but kept them in bed all day. Unpacked & packed. Washed & pressed dress. Moll in the evening -
Mrs. Ayres & Mr. Jones here all night -

Ther. TUESDAY 19 Wea.

Frank left for Luna Valley
Mr. Jones & Mrs Ayres went to Keely -
Fed. washed &c.
Began work on dress -

Ther. WED. JULY 20, 1887 Wea.

Fid rested a little
~~Two~~ patients here from
Mangas -
Worked on dress in the
afternoon -
Churned & sprinkled
down clothes in the
evening -
Fid read aloud from
N. Amer. Review -

Ther. THURSDAY 21 Wea.
Fine

Patients from Mangas -
in the morning -
Mr. Beeler here in the
afternoon with message
for Fid. to come to
Slaughters. Geo. home
in afternoon with mail -
Letter from Dr. Mosher -
Smoothe -
Loud in the evening

Ther. FRI. JULY 22, 1887 Wea.

Line.

Geo. went to work & brought Fred - a hose in the afternoon.
Fred. washed out a little.
Starched the clothes & sprinkled.
Feds. off about 6 P.M.
Finished Novelty's cap in the evening.

Ther. SATURDAY 23 Wea.

Very warm. Fine
Agnes & I visited -
Sat out of doors in the afternoon. Sewed in the evening but interrupted by Chumps.
Hughes came over to help me.
Robert sick with colic & wrung all night -

Clover Rogerson - 1881

Ther. SUN. JULY 24, 1887 Wea.

Showers P.M.

Merrican here with two sheep. helped with the milking.
Mrs Adams here in the afternoon with four children -
Skunks in the house in the evening -

Ther. MONDAY 25 Wea.

Warm - - Fine
Mrs. Adams went home in the afternoon -
Mr. Torry & Mr. E. Torry came home in the night. Bro. in about ten -
Mr. Gray here in the afternoon Mr. S. better, but Lud. not home until later - Merrican here all night.
Poisoned or attempted to poison skunks -

Ther. TUES. JULY 26, 1887 Wea.
Slight Showers - Fine

Ks. got breakfast - & we washed all day. Annie helped in the kitchen.
The Torreys left P.-day Mrs. T. Senior stayed with us. Reach home about 2. Mr. Jones home in the afternoon Fred - home just before tea-time -

Ther. WEDNESDAY 27 Wea.
Fine

Mr. Torrey came about one & Mr. & Mrs. T. left at about hr - Mr. Boyd here P. dinner. Began on cloak - Mr. Jones left in the morning.
I rowed in the Evening -

Ther. THURS. JULY 28, 1887 Wea.

Showers

Sewed to-day -
Annie helped me finish
~~Cloak~~ coal for Robert -
Ironed in the Evening.

Ther. FRIDAY 29 Wea.

Shower - fine

Ironed in the afternoon
sewed some -

Francis Bard here
for medicine -

Ther. SAT. JULY 30, 1887 Wea.

Rainy

Lud. washed to-day -
Molly work all day
& kitchen work -
Bed early -

Ther. SUNDAY 31 Wea.

Fine

Frank started for Mr.
Olson but met him
on the way - & they
packed all day &
all night Lud & Frank
worked on accts
Molly a visit to Lizzie

Alma Sherman -
1916

Ther. MON. AUG. 1, 1887 Wea. Fine

Annie & all left in the morning.
Moved into stone house & cleaned up generally.
Found pattern of coat.

Dr. Emma Call.

Ther. TUESDAY 2 Wea. Fine

Ind. went to Slaughters to-day. Charlie Crosby here to dinner & went with him
Two deer in to water at about sunset. Geo. killed one.
Ground a little but too warm.

Ther. WED. AUG. 3, 1887 Wea.
Fine

Mexican here with mail
Mr. Torry here & Mr.
Adams Fanny & Toddie.
Soon after Mrs. Harris
Mrs. L. Harris & three of the
children - all stayed to
dinner -
Fred. home about 2½.
Man here all night on
way to C-N ranch -
Wolf in the evening -

Ther. THURSDAY 4 Wea.
Fine

Geo. Lumbie horses p
left for round-up in
the afternoon -
Frowed in the evening

Ther. FRI. AUG. 5, 1887 Wea. fine

Sprinkled rest of clothes to-day -
Ironed in the evening a little but not very well -
Saw skunk coming into Kitchen but got away -

Ther. SATURDAY 6 Wea. fine

Fed. washed calicos
Ironed in the evening finished Top - and read some surgery -
Saw skunk again but got away

Ther. SUN. AUG. 7, 1887 Wea.
Showers

Late breakfast
Alson here at dinner
Rode Bally to Wheelers
took mail
Skunks at night, shot
one up in our sled room
shot in the morning
Calves got out but we
found them all.

Ther. MONDAY 8 Wea.

Hunted skunk before
breakfast & got him
after much work.
Visitors here in the
morning - one took
mail. to round up to give
to Geo.
Went over to Mrs. Adams
about seven - left about
five - stopped to see
round-up - home late.
Skunk in dining-room

Charles M. Rogerson — 1885

Ther. TUES. AUG. 9, 1887 Wea. Showers

Hunted squirrels until 1 O'clock. Two of them killed one - Mr Cummins here to lunch.
Mr. Slaughter & family here about 6.

Ther. WEDNESDAY 10 Wea. Showers

Mr. S. slept until afternoon - felt much better than when he left home -

Mr. S. settles bills before he went.

Ther. THURS. AUG. 11, 1887 Wea.
Slight shower.

Round up men - Fed.
rode with them -
Went down to Corral
in the afternoon &
stayed until dark.
Boys danced in Mrs
Tourlys house in the
Evening.

Ther. FRIDAY 12 Wea.
Showers

Breakfast late.
Arranged pictures.
Worked on accounts in
the evening -

Ther. SAT. AUG. 13, 1887 Wea. Slight Showers

Geo. came home this A.M. Emma here to supper & stayed all night.

Ther. SUNDAY 14 Wea. Showers

Men left in the morning. Geo. went with Coe, & brought home Lucie he left him to ride home at night.
Lied & read Poetry all day.

Ther. MON. AUG. 15, 1887 Wea.

Lud. washed X-day -
Painted pictures Floyd
bro's. picture -
Cleaned out hen-coops -
Developed plates in the
Evening -

Ther. TUESDAY 16 Wea.

Read aloud while Lud.
worked -
Worked a little -
Took picture of brand
painted some pictures
Mr. Jones here at
dinner time with the
horses from the N.

Ther. WED. AUG. 17, 1887 Wea.
Heavy Shower

Fred went for mail but Bill Coe had it & he came in the evening with it.
Letters from Dr. Benedict mother &c. shall probably leave now by Sept. 10 –
Planned &c. all the evening.

Ther. THURSDAY 18 Wea.
Slight Sho[illegible]

Wrote all day –
Mr. Cummins stopped here on way to Magdalena & took letters.
Sevs were here all night –
Wrote in the evening.

Molly feverish & some symptoms of measles –
Nausea & headache –

Ther. FRI. AUG. 19, 1887 Wea.
Showers

Men left in the morning
Sam MacMillan here
after dinner - all night -
Sprinkled clothes & ironed
a little -

Molly better but head-
cold & drowsy - eyes &
face look like measles -

Ther. SATURDAY 20 Wea.
Showers -

Geo. brought horses over
& rachel them -
Sam M. left in the
morning.
Ironed in the afternoon
& evening - Jud. read
aloud -

Molly about the same

Ther. SUN. AUG. 21, 1887 Wea.

Cooler Fine

Pablo Pino & Mr. Hommel here to dinner —
Wrote to Aunt L. Anne Johnson. Amy. Dr Emma.
sent list to Dr. Emma —

Irritable apparently all night.

Ther. MONDAY 22 Wea.

Read & rested all day —
Up late —

Ther. TUES. AUG. 23, 1887. Wea.
Slight Showers

Geo. went to Mangas
Farm to-day -
Mexican here with
letter to be mailed -
Geo. home in afternoon
Donaciano not at home

Ther. WEDNESDAY 24 Wea.
Slight Showers -

Geo. went for mail -
Letter from Mother. Anna
had little girl born
Aug 9. Nicholas better -
Served some to-day -

Ther. THURS. AUG. 25, 1887 Wea. fine

Fed - went to Mangas
to-day - & divided the
barley
John log here all night
Bill Coe here for a
short time in the
morning for pack outfit
Served some - & made
a little -

Ther. FRIDAY 26 Wea.
fine

George hunted horses
Fed. made hay-rack
for wagon -
Geo. home with Broncos
& branded Frank horses -
Rained in the night -

Ther. SAT. AUG. 27, 1887 Wea.

Rainy

Geo. carried letters to Mexican who is going to S. Monday.
Served read all day.
Mr.

Ther. SUNDAY 28 Wea.

Up late - Read all day -

Nicholas J. Watts — 1885
120

Ther. MON. AUG. 29, 1887 Wea.
Showers

Geo. went to Mangas Farm - got home until 10.30 PM. Horses wouldn't pull wagon out of field so he had to leave the wagon there.

Ther. TUESDAY 30 Wea.
Showers

Stormed all day
Geo. hunted mules -
Mr. Coy stopped on way home - had lost mules & didn't find dogs
George had no luck.

Ther. WED. AUG. 31, 1887 Wea.
Fine.

Fred went for mail.
Geo. hunted horses.
I worked in the kitchen
until nearly five -

Fanny G. Little

Ther. THURSDAY, SEPT. 1 Wea.
Fine

Geo. brought home
load of Barley to-day -

Ther. FRI. SEPT. 2, 1887 Wea. Fine

Geo. went for another load to-day home all night

Harry Walters — 1880.

Ther. SATURDAY 3 Wea. Fine

Geo. went for baling & upset wagon at foot of hill.

Bessie Walters — Boston - Mass.

Ther. SUN. SEPT. 4, 1887 Wea.
Fine

Fred. & Leo. brought
early home - in the
morning.
Maw there to dinner
Fred. self & children
went to Wangaos in
the afternoon home
9.30

Ther. MONDAY 5 Wea.
Showers

Fred. went for mail
Ironed all day.

Ther. TUES. SEPT. 6, 1887 Wea. Fine

Mr. Jones here about noon -
Fed. home about. Found no letter from Al.

Latter Baker.

Ther. WEDNESDAY 7 Wea. Showers -

Geo. went for barley.
Not well to-day so rested most of day.
Mr. Jones went to Magdalena. to bring out mail when he returns -

Mr. Boyd here for a few moments in the morning.

Ther. THURS. SEPT. 8, 1887 Wea. Showers

Geo. went for load of barley.

Ther. FRIDAY 9 Wea. Rainy

Geo. hunted horses.
Sewed all day & read.
Wrote a little
Fred. read aloud while I sewed in the evening.

Ther. SAT. SEPT. 10, 1887 Wea.
Rainy all day

Geo. mended chairs
Mow a little &
finished sewing.

Ther. SUNDAY 11 Wea.
Showers -

Read all day.
Went to Mansfields
grave in the afternoon
with Fred.

Ther. MON. SEPT. 12, 1887 Wea.
Showers

Mr. Jones came to-day with mail no letters from Norwalk - letter from Mother -
Fed. went a few rods in the Evening and decided to go East if no news next week -

Ther. TUESDAY 13 Wea.
Showers

Mr. Jones left in the morning -
Fed. sent for the mail at Charlotte
Nothing from Norwalk -

Ther. WED. SEPT. 14, 1887 Wea.
Cool Rainy

Geo. went to borrow Sam. from Chipman as fine as hare.
Home in the afternoon.
Fred. washed the wool while I read aloud.

10 Ther. THURSDAY 15 Wea.
Showers.

Geo. went for barley and Fred. washed the rest of the wool.
Read aloud most all day.
Lieut. S.H. men here all night.

Ther. FRI. SEPT. 16, 1887 Wea.
Showers

Geo. went for barley.
Man here to supper
camped across the
creek -
Mercedin here with
vegetables - bought
some grapes for 50 cents.
Meadil's boys here with
barley.

Ther. SATURDAY 17 Wea.

Geo. went for barley.
Worked around home

Ther. SUN. SEPT. 18, 1887 Wea. fine.

Mr. Jones did not come arranged Fred & Hardys clothes to go East if necessary.

Geo. went for last load of barley.

Ther. MONDAY 19 Wea. Showers

Left home about eight & went to Dalits by way of Adams - made out papers &c.

Fred. decided to go only to Mt. O to write from there East.

Ther. TUES. SEPT. 20, 1887 Wea. Fine

Left in Baldwins buggy about nine. & reached Qu. all right at about 3.30 - Fred. mow in the afternoon -

Mow - & Frank Hale Fred mow & I copied it.

Molly Baker - 1883

Ther. WEDNESDAY 21 Wea. Fine

Heavy Shower at noon

Mow letters all the morning. Went up to Kelly in the afternoon after the rain Had pleasant calls on Mrs. Robinson, Dr. Mark Mrs Ary & Mrs. Ayers.

Mrs Houghton All

Mother - Frank Hale - Dr. Moore.

Mrs. Houghton Clerk. Norwich M. W. Brown

Geo. - Wall - Frank. B. - Dr. Stowell

Nellie Sherman - 1883.

Ther. THURS. SEPT. 22, 1887 Wea

Thunder Shower Fine at noon

Rain in the morning a little and left about eleven. Had good drive across the plains reaching Mrs. Baldwins at about seven. Went to bed early. Mr. Hall & Mr. Torry there all night

Ther. FRIDAY 23 Wea.

Fine

Left about nine for home - stopped a few moments at Mrs. Rhodes Mr. & Mrs Adams there. All started for home at same time Geo. glad to see us. Mr. A. gave us a quarter of beef.

Ther SAT. SEPT. 24, 1887 Wea.
Fine

Cleaned up house.

Ther. SUNDAY 25 Wea.
Fine

Cleaned up Mrs. Forey's house for the Rhedus who came in the afternoon.

Ther. MON. SEPT. 26, 1887 Wea. Fine

Mr. Whedon went over for mail. I drove with Mrs. W. awhile he came home at 12.
Letter from Mrs. Dunlap.

Fed. marked to-day.

Ther. TUESDAY 27 Wea. Fine.

Rode to-day after cows Geo. left early for Mr. Hall's.

Ther. WED. SEPT. 28, 1887 Wea.
Fine.

Rode a good deal to-day
Fed. not feeling well.

Ther. THURSDAY 29 Wea.
Fine.

Mr. & Mrs. S. & Miss McA.
here for a little while
Rode a little.
German in the evening
Gen. Verne in the
afternoon.

C. E. Rogerson 1855

Ther. FRI. SEPT. 30, 1887 Wea.
Fine

Mr. Radcliffe here for Fed. to go to Mrs. Cummings Geo. hunted horses all day but no luck Part of round-up in to-night Dance at Mrs. Jones' but didn't get mad in time to go.

Ther. SATURDAY, OCT. 1 Wea.
Fine

Round up here to-day - Geo hunted horses until noon - Mr. Kyle up for a few minutes at night - Ed. Martin here with Geo. all night.

Aggie Mitchell.

Ther. SUN. OCT. 2, 1887 Wea.
Fine

Round up at work.
Took picture at noon -
Jud. home at night -
Mr. Graham & Gilbert
Boyd here all night -

E. M. M. 1846

Ther. MONDAY 3 Wea.
Fine

Geo. here in the morning
horses had left the herd -
Mr. Graham stand
until noon -

Ther. TUES. OCT. 4, 1887 Wea. Fine

Mr. Whelan went for mail -
Fed. hunted horses.
prune at supper time
Kilbel B. here all night -
Called in to see Mrs M.
about mid-night to
baby-girl born at 1.15
A.M. the 5th.

E. L. B. Mills. 1829

Ther. WEDNESDAY 5 Wea. Fine

Kilbel B. went to Wangaroa
for home - After break-
fast rode to see patients
& dressed the baby -

Ther. THURS. OCT. 6, 1887 Wea.
fine

Read aloud part of day. Mrs. Olson & children here about 1. Ed. Whelan & brother brought them over -

Mrs. O. not very well -

Ther. FRIDAY 7 Wea.
Blowy slight showers.

Went with Mrs. O. as far as Adams road & then went to Mrs. A's. on home back - home about 6. Fred. met me - Bed early -

Ther. SAT. OCT. 8, 1887 Wea.
Snow early A.M. Cloudy & blow
with Mrs. W. all day
while Mr. W. went to see
his Father -

Ther. SUNDAY 9 Wea. P.M. clear
Snowy - Rainy.
Geo. & Mr. are here at
noon & stand all night

Ther. MON. OCT. 10, 1887 Wea.
Slowy. Fair

Coe not well. so stand here all day.
Finished ironing.

Chg. Geo. 3 Pr. Drawers. 3.00
12 " Stockings. 2.40
1 " Gloves. 1.50
6.90

Ther. TUESDAY 11 Wea.

Coe went home this morning.
Fid. finished to-day
Mr. Nichols Factor and Mr. Wright here all night.

Ther. WED. OCT. 12, 1887 Wea. Fine

Fed. went for mail
Letter from Frank Hale
nothing from Al -
I finished washing
while he was gone -

Thunder heard in the
night.

Ther. THURSDAY 13 Wea.

Read about to-day - in
History

Ther. FRI. OCT. 14, 1887 Wea.
Cool but fine

Decided to move into
alone house alone -
Geo. home at dinner
time - very kind but
satisfied with work.

Al. Baker -

Ther. SATURDAY 15 Wea.
Cool — fine

Moved in to new kitchen
or rather finished
mornings work -
Geo. branded four
calves -

Ther. SUN. OCT. 16 1887 Wea.

warmer — fine

Read and rested most all day.

Geo. hunted horses — home about four —

11 Ther. MONDAY 17 Wea.

fine

Fred & Geo. rode to day to find horses but no luck.

Worked all afternoon and evening.

Fred. worked "last letter" to Al, a little also to Frank Hale, Recorder Norwalk, Frank Brooks, Mr. Slaughter

Jesus Samora borrowed part of harness.

Mother Baker.

Ther. TUES. OCT. 18, 1887 Wea.
Cloudy & Rainy

Geo. went for the mail
Read most all day -

Mrs. Geddes - Ann Arbor -

Ther. WEDNESDAY 19 Wea.

Fred. & Geo. hunted snow
but no luck -
Sunshy here & Fred
met him on the
road -

Ther. THURS. OCT. 20, 1887 Wea.

Fred. & Sev. hunted horses. Mr. Wheeler hunted his horse & went all the way to Clarkson's, his father came back with him

Ther. FRIDAY 21 Wea. Fair.

Mr. Wheeler went on round-up. Fred & Sev. went for ~~hay~~ fodder at Niagara - stayed with Mrs. W. all night.

Ther. SAT. OCT. 22, 1887 Wea. Fine

Fed 6 bro. pumkin horses for Bro. to go on round-up -
Mr. Baldwin & Mr. Cook here a few moments in the afternoon -
Mr. Whelan Senior home at night with Joe's Cow & Calf

Mother -

1829

Ther. SUNDAY 23 Wea. Fine

George off in the morning.
Mr. Baldwin here all night -
Wrote a letter to Mother -

Ther. MON. OCT. 24, 1887 Wea.
Fine

Mr. B. left about nine. Mrs. Wheeler - children + self at 10.30. At Mrs. Whedbs at 2.30 - Stayed there - Spent night at Mrs Torrys -
Mr. T. home late with mail.

Ther. TUESDAY 25 Wea.
Cool & Blowy

Started for home about 1.15. Home at about 5. Brought him in home.
Snowed in the night

Ther. WED. OCT. 26, 1887 Wea.
Fine

Hen hatched 5 chickens
Read aloud all
day.
Ind. had sick head-
ache at night. Bed
early but not much
sleep -

Ther. THURSDAY 27 Wea.
Fine

Breakfast at nine.
George home -
Hen hatched out four
more chickens but
two pretty thin.
Ind. & George hauled
wood.

Ther. FRI. OCT. 28, 1887 Wea. Fine

Baked all day.
Had 2 to. fried pipe
from spring.
Mr. Whitlock Sewed here
all night.

Ther. SATURDAY 29 Wea. Fine

Geo. & Mr. Whitlock left
this a.m.
Skunk got all but one
of the chickens.
Mexican here on way
to Mangas.

Ther. SUN. OCT. 30, 1887 Wea.
Fine.

Geo. & Mr. Whelen home at noon - with Mr. Craig
Mr. W. &c. went on after dinner.
Sent letter to Lizzie for shirts &c.

Ther. MONDAY 31 Wea.
Fine

Geo. & Fred. went to ride -
Mr. Whelen & Mr. Cox here to dinner -
Fred McCrain here all afternoon -
Fred. & Geo. home at night -

Ther. TUES. NOV. 1, 1887 Wea.
Fine.

Geo. hunted horses
all day -

Lucy Tappan.

Ther. WEDNESDAY 2 Wea.
Fine,

Geo. got horses in for
trip tomorrow -

Ther. THURS. Nov. 3, 1887 Wea. Fine

Dance to-day at Mrs Harris'.
Mr. Whitlw here for things -
Left for Mrs. Kyles at 3 - all went to dance home at 2.30 a.m. next day.

Ther. FRIDAY 4 Wea. Fine

Slept until 11.
Mrs. Longhouse & Miss L. here on way home -
Fred & Geo. rode in afternoon -

Ther. SAT. NOV. 5, 1887 Wea. Fine.

Fed. P. Geo. 20 lb to-day
Dinner late.

Ther. SUNDAY 6 Wea. Fine

Geo. & Mr. Jones left this morning.
Read aloud all day.
made mince-meat.
Mr. Hummel here for his letters.

Ther. MON. NOV. 7, 1887 Wea.
Fair.

Made some pies & turnovers.
Served - while Ted read.
Lie smoked so after dinner sat in front room & had supper in there.

Ther. TUESDAY 8 Wea.
Snowy & cold.

Up late.
Ted branded calves until about 2.
Dinner at 4.
Read all day on Lunch History.
Mr. Hammell sent me alphabets he had printed.

Branded Z-P calf.

Ther. WED. Nov. 9, 1887 Wea. Fine
Cloudy A.M. P.M.

Two men came here to camp a few days - Mr. Kerigan & Keuing Mr. Keuing played on the violin in the Evening -

Ther. THURSDAY 10 Wea. Fine

Fred. went over divide Albert Chapman here for lumber.
Mr. Olson here late with fright - Mr. Johnson here with him -
Fred. home about four
Mole in the evening
Fred. in the room with Mr. Keuing.

Ther. FRI. NOV. 11, 1887 Wea. Fine.

Took one of Alonzo's horses & Maid & went with children for Fred's violin. Took dinner at Mrs. Chipman's.
Fred. practised on violin until late.

Ther. SATURDAY 12 Wea. Fine

Mr. Kerrigan & Kenning left at noon.
Fred. took Mr. Alonzo's horse & mule over to his camp.
Worked out doors all day.

Ther. SUN. NOV. 13, 1887 Wea. Fine

Bill Cox here to dinner.
Mexican here about
early.

Ther. MONDAY 14 Wea. Fine.

Alson stopped on
way home & took
letters & notes for us
to Datils - & left us
part of a deer -

Washed to-day -

Ther. TUES. NOV. 15, 1887 Wea. Fine

~~Read all day.~~
Fed. mink over for mail to-day.
Letters very satisfactory.

Ther. WEDNESDAY 16 Wea. Fine

Washed to-day.

Ther. THURS. Nov. 17, 1887 Wea. Fine

Baldwin boys here on way to Mangas. stand all night with us.

Starched & sprinkled clothes & ironed a little.

12 Ther. FRIDAY 18 Wea. Fine

Fed. rode up to Mangas with the boys. visited the school.

Ther SAT. NOV. 19, 1887 Wea. Fine.

Fred. went over to Mrs. Adams. but met Mr. A. at Indian Springs. Manuel P and both rides to Alamosita for us.

Finished mining.

Ther. SUNDAY 20 Wea. Fine.

George home about noon. Manuel Pino's men here at night with dishes & note from Mrs. Kyle.

Ther. MON. NOV. 21, 1887 Wea. Cloudy.

Made pies & turnovers
Boys rode all day.
Pablo Pino here all
day waiting for Ted.

Ther. TUESDAY 22 Wea. Rainy.

Roasted meat for dance
& cleaned up Jerry
house
Went to Mother & Mrs.
Dunlap in the Evening.

Ther. WED. NOV. 23, 1887 Wea.
Clear.

Made cake all day.
Mrs. Adams & children
here at noon. Mrs. A.
helped me in afternoon

Ther. THURSDAY 24 Wea.
Snowy

Bread &c. in the morning
Boys began to come about
noon.
Began to dance at four
In all 59 people here.

Ther. FRI. NOV. 25, 1887 Wea.

Cold snowy

Danced one dance at 9 a.m. Most of the party left at daylight. Mrs. Chipman & the Whites stayed until after breakfast Mrs. Adams & Mr. Jones all night.

Ther. SATURDAY 26 Wea.

Fine but cool.

Up late to breakfast. Talked & visited with Mrs. A. until too late for her to go. Visitors all day. George, Jim & Albert went to Wrangas.

Ther. SUN. NOV. 27, 1887 Wea.
Fine.

Mrs. A. left about
11. & Jones with her -
Boys home just after
they left.
Note from M Ruis. to
have dance at Mangas
Friday -
Tied. order & tied Mrs.
A. & Jones -
Boys took order to Mrs.
Lowry. Chapman & Wheeler
& Kyle.

Ther. MONDAY 28 Wea.
Fine

Washed flannel & cut
out shirts -
Hands up & locked -
but boys made them
work -

Ther. TUES. NOV. 29, 1887 Wea. Fair

Worked on shirts all spare time –
Boys worked with horses

Ther. WEDNESDAY 30 Wea. Sunny –

Sewed all day,
Roasted meat for the dance –
Boys with horses –

Ther. THURS. DEC. 1, 1887 Wea.
Cloudy.

Finished shirts —
made bread —
Horses worked well —

Ther. FRIDAY 2 Wea.
Snowy

Boys tried horses —
Sam McWilliams here
to dinner.
Left about hrs. Snowy
on the way.
No one else there —
Dance began about
seven — fine time —

Ther. SAT. DEC. 3, 1887 Wea.
fine

Up late.
Fred. performed operation on girls eye. & cut corns for Mrs. Pond.
Horses behaved badly. but with help from boys we saddle horses got home all right.

George Baker.

Ther. SUNDAY 4 Wea.
fine

Sam left this morning with letters for Lizzie & Frank Brooks.

Lizzie Walker 1852.

Ther. MON. DEC. 5, 1887 Wea.

Read all day —

Ther. TUESDAY 6 Wea.

Snowy.

George went over for mail & stayd all night. Seemed a little.

Ther. WED. DEC. 7, 1887 Wea.
Fine.

Mercury here just after breakfast.
Geo. home at noon.
Mrs. Harris & sister here to dinner — & Mr. Harris.

Ther. THURSDAY 8 Wea.
Fine

Washed to-day.
J. M. Madill here to dinner.

Ther. FRI. DEC. 9, 1887 Wea.
Fine.

Finished washing to-day. Mr. Chipman brought home mower rake & was here all night.

Jud. Ayres stopped on way home.

Ther. SATURDAY 10 Wea.
Fine.

Fred & Geo. rode to-day. Baked & sewed.

Ther. SUN. DEC. 11, 1887 Wea. Fair.

Mr. Hummel down to dinner. Drs. went to see soldiers for a little while.
Read & wrote some letters.

Ther. MONDAY 12 Wea.

Ther. TUES. DEC. 13, 1887 Wea.

Father — 1827.

Ther. WEDNESDAY 14 Wea.

Ther. THURS. DEC. 15, 1887 Wea. fine

Fred left for Bishop's to-day.

Ther. FRIDAY 16 Wea.

Served to. all day.

Ther. SAT. DEC. 17, 1887 Wea.

Sewed to all day.

Ther. SUNDAY 18 Wea.

Fed. home at noon.

Ther. MON. DEC. 19, 1887 Wea.

Washed to-day.
Geo. hunted horses.

Laura Mebelin - Annie Brooks.

13 Ther. TUESDAY 20 Wea.

Geo. went over to Jones
to-day.
Mr. Cummins here
at noon.

Ther. WED. DEC. 21, 1887 Wea.

Mr. Cummins stay all

Grand-mother Johnson —

Ther. THURSDAY 22 Wea.

Ther. FRI. DEC. 23, 1887 Wea.

Ther. SATURDAY 24 Wea.

Ther. SUN. DEC. 25, 1887 Wea.

Frank Hale.

Ther. MONDAY 26 Wea.

Ther. TUES. DEC. 27, 1887 Wea.

Charlie Baker. 1882.

Ther. WEDNESDAY 28 Wea.

Ther. THURS. DEC. 29, 1887 Wea.

Ther. FRIDAY 30 Wea.

Fred. A. Baker - 1874

Mrs. Baldwin.

Flannel & Sundries = 4.50
Under-vests - @ 1.00 = 2.00
Blankets 2 pair @ 5.00 = 10.00
16.50

Annie Dr.

Acct in Diary 1886 — 42.60
Oil cloth .30
Jeans ½ Blanket. 1.00
" 1 pair " 4.00
" 1 " " 4.00
" 1 Shirt × ~~2.00~~ .25
Joint bill Dec. 21 - Shoes {1.25?
Cr. {1.50?
Loan & Co 35.00 54.90
Care of Sick - 15.00
Drawers 85 × 4 3.40
Dress. 2.00
Book Dues. 2.50
57.90
Balance - 3.00
57.90 - 57.90
July 1. 87 10 yds. cloth - ~~1.00~~
~~58.90~~
1.00
Balance due June 1. - 3.00
Bal. 2.00
3.00 - 3.00
Balance July 1. 2.00 -

Medical

Donaciano Sanchez - 2.50

Jose Maria Madril - 2.00

Acct. Manuela Padia

Juan A. Perez.

Dec. 4. 8. 13. Jan. 4 = 5.00

Manuel Pino.

Nov. 14. 1.50

Orlogio Jaramillo Pd. ~~1.25~~

Jan. 16.

Jim Davis "Little"

Jan - 18 1.50

Jan 23.

Juan Jose Padia — 1.00

Feb. 3.

Orlogio Jaramillo — 1.00

Feb. 18.

Educindo Padia — 2.00

" 20 " " — ~~2.00~~

Feb 25. Manuela Padia 1.50

Mar 14. Jesus Sanora 1.00

" 16 D.C. Kyle - Pd. 10.00

" 24 " " " Pd. 10.00

" " " " " (Mary Kyle) Pd. 1.75

40.75

186

E. T. Boyd -
Lozzard. 40.75
Mar. 24. Cox - Pd 1.50
April - M. Kyle - 21.50
May 5 -
W. B. Slaughter - 30.00
June 1. Señora Gonzales - 1.00
" 4. Mrs. Burke. 5.00
1886 - Tidbow (Annie) 15.00
June 27, 1887 -
Jose Maria Madril.
Medicine for wife 1.00
" 27. Ma. Adams.
Call on wife - 15.00
" 30 Jose Madril - 10.00
July 11 " " 5.00
June 30 Juan Jose Padia .50
July 20
Jose Maria Madril 1.50
Pedro Baca - 1.00 - .50
July 25 - Lorenzo Chavez
Medicine for grandchild 1.00
" 24. J. M. Madrid
By two sheep - 3.00
" 24 Manuel Pino
Med. for Boy - 1.50

Dr.

G. T. Boyd.

2 Shirts @ 2.50.		5.00
1 pair Hose @ .20		
" " "	.25	.45
1 " Slippers		2.00

Pd.

C. Key.

2 Shirts @ 2.50		5.00
1 pair Boots		6.00
1 " Blankets		5.00
2 " Hose @ 20		.40

Sugd.
Pd.

Geo. Belcher.

1 Undershirt		1.00
1 pair Gloves		1.50
Oct. "		2.00 ✓
" Tobacco		4.00
" Bil		3.00
Nov. 15 Cash		2.50 ✓
		9.50

Tom -
1 pair Blankets. 5.00 chgd.
Pd.

Mrs. Tony. Dr.
Seven doz eggs to April 9
1 " " " 11
1/2 " " 15
1/2 " " 17
1/2 " " 19
1/2 " " 20
Meals & ~~[illegible]~~ 7/ ——— 67
~~[illegible]~~ 7 - " 12 - 18 -
" 13 ——— 2.
" 14 ——— 1 88

Mrs. Jorny - Meals - Dr.

Mar. 24 -		1
" 25 -		2
" 30 -		1
April 1 -		3
" 2 -		8
" 3-6 -		12
" 7 -		3
" 8 -		1
" 27		7
May 15		1
" 16	May 25 (Sun)	30
May 31		1
" 6 -		2
~~" 7 -~~		
		67

Bread - Dr.

March 29 -	1 loaf	Pd
April 9	"	
"	1 "	
~~May 21~~	~~1~~ "	

½ doz Matches } April 19
½ " Soap }

1 lb. Starch — May 30

Mr. E. Jorny. Pd
1 Pair Blankets — 4.00

From - Mr. Torry. Cr.

April 19 -

Flour.	50 lbs.
Coffee.	3 "
Sugar.	7½ "
Flour	50 "

Pd. May 2 -

July 25

1 Lamp	6.00 Pd
1 Sheep.	1.50 "

" 26

Wagon Guard D

Mercean -

60 ft. wpe - - 1.10

		S	H	L
Mar. 25	Lord Lens	26	0	5
" 28	Dem "	13	0	4

CASH ACCOUNT. JANUARY.

Date.		Received.		Paid.	

CASH ACCOUNT. JANUARY.

Date.		Received.		Paid.	

CASH ACCOUNT. FEBRUARY.

Date.		Received.		Paid.	

CASH ACCOUNT. FEBRUARY.

Date.		Received.		Paid.	

CASH ACCOUNT. MARCH.

Date.		Received.		Paid.	

CASH ACCOUNT. MARCH.

Date.		Received.		Paid.	

CASH ACCOUNT. APRIL.

Date.		Received.		Paid.	

CASH ACCOUNT. APRIL.

Date.		Received.		Paid.	

CASH ACCOUNT. MAY.

Date.		Received.		Paid.	

CASH ACCOUNT. MAY.

Date.		Received.		Paid.	

CASH ACCOUNT. JUNE.

Date.		Received.		Paid.	

CASH ACCOUNT. JUNE.

Date.		Received.		Paid.	

CASH ACCOUNT. JULY.

Date.		Received.		Paid.	

CASH ACCOUNT. JULY.

Date.		Received.		Paid.	

CASH ACCOUNT. AUGUST.

Date.		Received.		Paid.	

CASH ACCOUNT. AUGUST.

Date.		Received.		Paid.	

CASH ACCOUNT. SEPTEMBER.

Date.		Received.		Paid.	

CASH ACCOUNT. SEPTEMBER.

Date.		Received.		Paid.	

CASH ACCOUNT. OCTOBER.

Date.		Received.		Paid.	

212

CASH ACCOUNT. OCTOBER.

Date.		Received.		Paid.	

CASH ACCOUNT. NOVEMBER.

Date.		Received.		Paid.	

CASH ACCOUNT. NOVEMBER.

Date.		Received.		Paid.	

CASH ACCOUNT. DECEMBER.

Date.		Received.		Paid.	

CASH ACCOUNT. DECEMBER.

Date.		Received.		Paid.	

SUMMARY OF CASH ACCOUNT.

		Received.		Paid.	
JAN.					
FEB.					
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MAY					
JUN.					
JUL.					
AUG.					
SEP.					
OCT.					
NOV.					
DEC.					

BILLS PAYABLE. JANUARY.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. FEBRUARY.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. MARCH.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. APRIL.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. MAY.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. JUNE.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE

BILLS PAYABLE. JULY.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. AUGUST.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. SEPTEMBER.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. DECEMBER.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

MEMORANDA.

Date.		Dolls.	Cts.

MEMORANDA.

Date.		Dolls.	Cts.

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Married. Aug. 8. "62

Hattie Luella Nov. 13. "63 -

Fanny Grace Aug. 29. "67

William Woodward. Sept. 18 - "70

Grace Amelia Feb. 14. "75

Daniel Albert June 24 "76

Bessie Belle Feb. 14. "85

June 4th 68
" 15th 68
Nov. 29th 88

Mar 24th 88

18 STANDARD No. 251 DIARY 87